



ASSEMBLED & QUALITY CONTROL IN INDIA

About Linkvue System – Proudly Made in India

About Linkvue Systems – Engineered for Performance, Assembled in India

Linkvue Systems, established in 2015, is a leading Indian provider of industrial networking and communication products, proudly supporting the Make in India initiative. Our solutions are designed with precision, assembled in India, and built to meet the demanding needs of industrial environments across the country and beyond.

We specialize in a comprehensive range of industrial-grade networking equipment, including unmanaged Ethernet industrial switches, media converters, unmanaged PoE switches, managed switches, and industrial PoE solutions. Every Linkvue product is crafted to deliver exceptional reliability, performance, and durability — ensuring seamless connectivity for critical infrastructure and industrial applications.

At Linkvue, our commitment goes beyond selling hardware. We provide dependable, cost-effective solutions developed through local engineering expertise and advanced technology integration. Each product is optimized for Indian conditions, offering robust design, long operational life, and consistent performance in harsh environments.

Driven by our mission to empower India's connectivity and industrial automation, we continue to expand our product portfolio and strengthen our service network. With a focus on quality, innovation, and local manufacturing, Linkvue stands as a proud example of India's growing strength in high-performance networking technology — Assembled in India, Made for the World.



PRODUCT CATALOGUE

Unmanaged Industrial PoE Switch & Media Converter

- **IEEE 802.3af/at Standard**
- **IP40 Dust Ingress Protection**
- **44-57VDC Wide Range Input**

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LV-IPS0101F Series

1* 10/100Base-TX to 1* 100Base-FX
Compact Industrial PoE Media Converter



Features:

- 1* 10/100Base-TX RJ45 PoE port.
- 1* 100Base-FX SC/SFP fiber port (FC or ST optional).
- Supports 44-57VDC input, redundant power supply with reverse polarity and over-voltage protection.
- Compliant with IEEE 802.3af PoE and IEEE 802.3at PoE+ standards.
- DIP switch functions: 1). Link Fault Pass-through (LFP), 2). Flow Control, 3). 250m extended reach, 4). PoE watchdog.
- IP40-rated fan-less aluminum alloy housing with DIN-Rail hardware design.
- Operating temperature range: -40°C to 75°C.

Overview:

The Linkvue LV-IPS0101F is an unmanaged industrial-grade PoE media converter with 1-port 10/100Base-TX RJ45 PoE and 1-port 100Base-FX SC/SFP (FC or ST optional) fiber optical interface. It complies with the IEEE 802.3af/at standard PoE protocol, with a maximum power consumption of up to 30W (PoE+) per port. It boasts features like LFP, flow control, 250m extended reach, and a PoE watchdog function, all configurable via the DIP switch on the top panel.

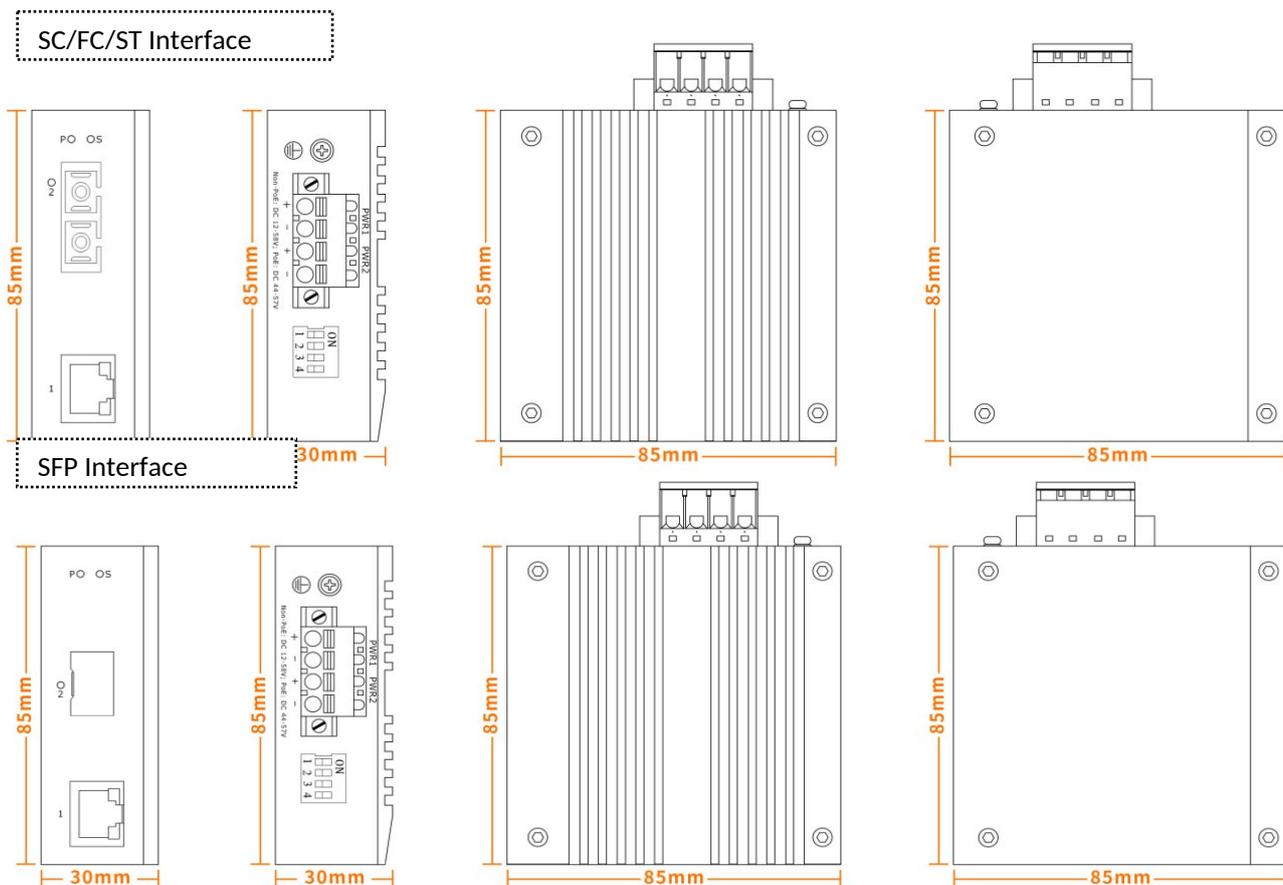
The LV-IPS0101F series offers a cost-effective and user-friendly solution, delivering vital industrial Ethernet networking functions. This includes a wide power input range of 44-57VDC, redundant power design with safeguards against polarity reversal and over-voltage, a sturdy fan-less IP40 compact housing suitable for DIN-Rail installation. It operates effectively in a wide temperature range from -40°C to 75°C and excels in high-level EMI/EMC performance. These converters are designed for challenging environments such as heavy industrial factories, transportation, oil & gas facilities, chemicals, IP surveillance, and process automation, these switches exceed standard commercial product specifications.

Technical Specification:

Interface	Fiber port	Ethernet (RJ45) port	
		1	1
	1*10/100Base-TX RJ45 PoE port 1*100Base-FX SC/SFP fiber port (FC or ST optional)		
Standard	IEEE 802.3 10Base-T Ethernet IEEE 802.3u Fast Ethernet IEEE 802.3x Full-Duplex Flow Control IEEE 802.3az Energy Efficient Ethernet IEEE 802.3af Power-Over-Ethernet (PoE) IEEE 802.3at Power Over Ethernet plus PSE (PoE+)		
DIP Switch	1). Link Fault Pass-through (LFP) 2). Flow control 3). 250m extended reach 4). PoE watchdog		
LED Indicator	P (Power Indicator) Green	Off: Device power is off or a failure has occurred	
		On: Device power is normal	
	S (PoE Usage Indicator) Red	Off: Total PoE usage < rated 50%	
		Blinking: Rated 50% < total PoE usage < rated 90%	
		On: Total PoE usage ≥ rated 90%	
	1 (RJ45 Port)	Green Indicator	Yellow Indicator
		Off: Port link is inactive	Off: PoE not operational
		On: Port link is active	On: PoE operational
	Blinking: Data transmission on TX/RX		
	2 (Fiber Port) Green	Off: Port link is inactive	
On: Port link is active			
Blinking: Data transmission on TX/RX			
Power Parameter			
Input voltage	44-57VDC (redundant power input)		
Input current	0.75A Max		
Total power consumption	Full load without PoE ≤2W PoE power budget ≤30W		
Connector	Removable 4-pin terminal block		
Reverse polarity protection	Supported		

Over-voltage protection	Supported
Switching Feature	
Switching capacity	1.0 Gbps
Packet forwarding rate	0.744 Mpps
MAC address table	2K
VLAN	2K
Buffer	1M
Forwarding delay	<10us
Jumbo frame	10K bytes
MDX/MIDX	Supported
Watchdog	Supported
Network Topology	
Star topology	Supported
Bus topology	Supported
Tree topology	Supported
Mechanical Structure	
IP grade	IP40
Installation method	DIN-Rail
Dimension (W*D*H)	30*85*85 mm
Weight	0.35 kg
Operating Environment	Operating temperature: -40°C to 75°C Storage temperature: -40°C to 85°C Relative humidity: 5% to 95% (non-condensing)
Industrial Standard	Surge protection of power: IEC 61000-4-5 Level 3 (4kV/2kV, 8/20us) Surge protection of Ethernet port: IEC 61000-4-5 Level 3 (4kV/2kV, 10/700us) DIP: IEC 61000-4-11 Level 3 (10V) ESD: IEC 61000-4-2 Level 4 (8kV/15kV) Shock: IEC 60068-2-27 Free fall: IEC 60068-2-32 Vibration: IEC 60068-2-6
Certification	CE, FCC, RoHS
Warranty	5 years

Structure Diagram:



Order Information:

Model No.	Description
LV-IPS0101F-SFP	Unmanaged industrial PoE media converter, 1*10/100Base-TX PoE ports and 1*100Base-X SFP slot, Compliant with IEEE 802.3af/at standard, DIN-Rail, 44-57VDC, -40 to 75°C operating temperature (The transmission distance of the fiber port depends on the SFP transceiver)
LV-IPS0101F-SC	Unmanaged industrial PoE media converter, 1*10/100Base-TX PoE ports and 1*100Base-FX SC port, Compliant with IEEE 802.3af/at standard, Multi-mode/Single-mode, Dual-fiber/Single-fiber, 2Km, 20/40/60/80/100/120Km optional, DIN-Rail, 44-57VDC, -40 to 75°C operating temperature
LV-IPS0101F-FC	Unmanaged industrial PoE media converter, 1*10/100Base-TX PoE ports and 1*100Base-FX FC port, Compliant with IEEE 802.3af/at standard, Multi-mode/Single-mode, Dual-fiber/Single-fiber, 2Km, 20/40/60/80/100/120Km optional, DIN-Rail, 44-57VDC, -40 to 75°C operating temperature
LV-IPS0101F-ST	Unmanaged industrial PoE media converter, 1*10/100Base-TX PoE ports and 1*100Base-FX ST port, Compliant with IEEE 802.3af/at standard, Multi-mode/Single-mode, Dual-fiber/Single-fiber, 2Km, 20/40/60/80/100/120Km optional, DIN-Rail, 44-57VDC, -40 to 75°C operating temperature

LV-IPS0102F Series

**2* 10/100Base-TX to 1* 100Base-FX
Compact Industrial PoE Media Converter**



IP40

-40°C +75°C

Fanless

5 Year Warranty

15.4W PoE 30.0W PoE+



CE FCC RoHS compliant

Features:

- 2* 10/100Base-TX RJ45 PoE ports.
- 1* 100Base-FX SC/SFP fiber port (FC or ST optional).
- Supports 44-57VDC input, redundant power supply with reverse polarity and over-voltage protection.
- Compliant with IEEE 802.3af PoE and IEEE 802.3at PoE+ standards.
- DIP switch functions: 1). Port isolation, 2). Flow Control, 3). 250m extended reach, 4). PoE watchdog.
- IP40-rated fan-less aluminum alloy housing with DIN-Rail hardware design.
- Operating temperature range: -40°C to 75°C.

Overview:

The Linkvue LV-IPS0102F is an unmanaged industrial-grade PoE media converter with 2-port 10/100Base-TX RJ45 PoE and 1-port 100Base-FX SC/SFP (FC or ST optional) fiber optical interface. It complies with the IEEE 802.3af/at standard PoE protocol, with a maximum power consumption of up to 30W (PoE+) per port. It boasts features like port isolation, flow control, 250m extended reach, and a PoE watchdog function, all configurable via the DIP switch on the top panel.

The LV-IPS0102F series offers a cost-effective and user-friendly solution, delivering vital industrial Ethernet networking functions. This includes a wide power input range of 44-57VDC, redundant power design with safeguards against polarity reversal and over-voltage, a sturdy fan-less IP40 compact housing suitable for DIN-Rail installation. It operates effectively in a wide temperature range from -40°C to 75°C and excels in high-level EMI/EMC performance. These converters are designed for challenging environments such as heavy industrial factories, transportation, oil & gas facilities, chemicals, IP surveillance, and process automation, these switches exceed standard commercial product specifications.

Technical Specification:

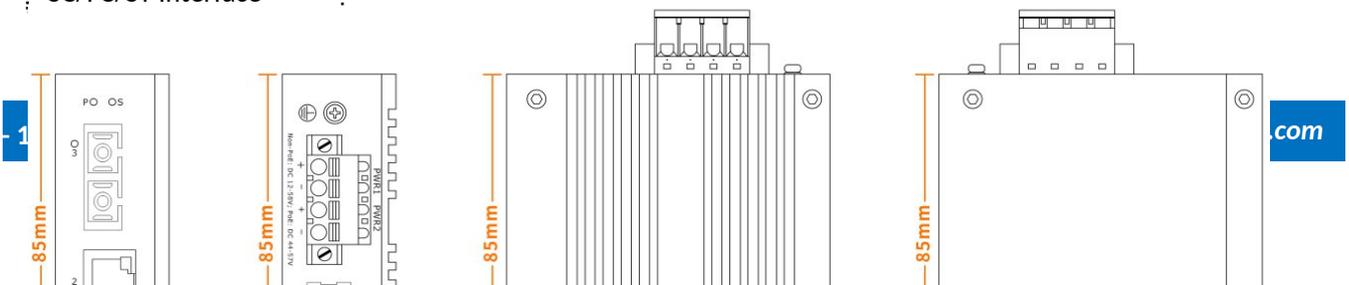
Interface	Fiber port	Ethernet (RJ45) port
		1

	2*10/100Base-TX RJ45 PoE ports 1*100Base-FX SC/SFP fiber port (FC or ST optional)		
Standard	IEEE 802.3 10Base-T Ethernet IEEE 802.3u Fast Ethernet IEEE 802.3x Full-Duplex Flow Control IEEE 802.3az Energy Efficient Ethernet IEEE 802.3af Power-Over-Ethernet (PoE) IEEE 802.3at Power Over Ethernet plus PSE (PoE+)		
DIP Switch	1). Port isolation 2). Flow control 3). 250m extended reach 4). PoE watchdog		
LED Indicator	P (Power Indicator) Green	Off: Device power is off or a failure has occurred	
		On: Device power is normal	
	S (PoE Usage Indicator) Red	Off: Total PoE usage < rated 50%	
		Blinking: Rated 50% < total PoE usage < rated 90%	
		On: Total PoE usage ≥ rated 90%	
	1-2 (RJ45 Port)	Green Indicator	Yellow Indicator
		Off: Port link is inactive	Off: PoE not operational
		On: Port link is active	On: PoE operational
		Blinking: Data transmission on TX/RX	
	3 (Fiber Port) Green	Off: Port link is inactive	
On: Port link is active			
Blinking: Data transmission on TX/RX			
Power Parameter			
Input voltage	44-57VDC (redundant power input)		
Input current	1.5A Max		
Total power consumption	Full load without PoE ≤2.5W PoE power budget ≤60W		
Connector	Removable 4-pin terminal block		
Reverse polarity protection	Supported		
Over-voltage protection	Supported		
Switching Feature			
Switching capacity	1.0 Gbps		

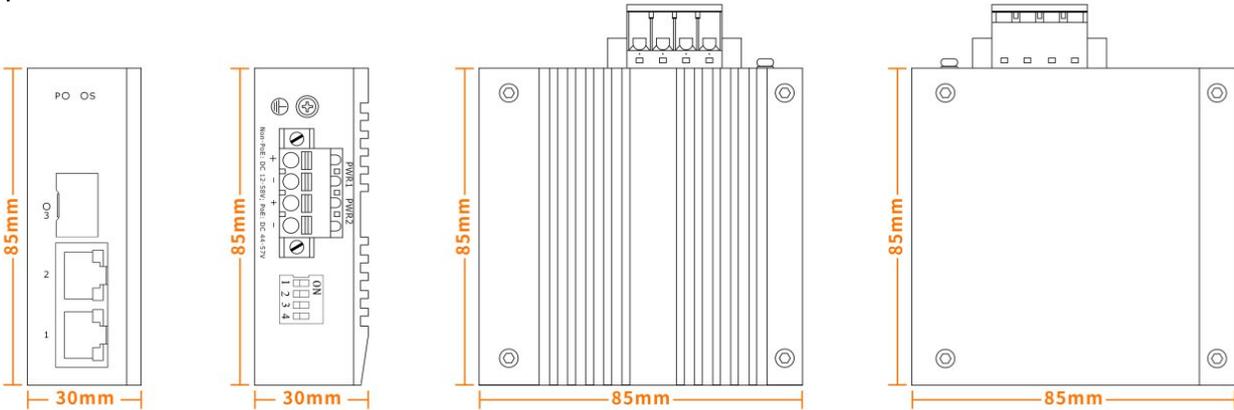
Packet forwarding rate	0.744 Mpps
MAC address table	2K
VLAN	2K
Buffer	1M
Forwarding delay	<10us
Jumbo frame	10K bytes
MDX/MIDX	Supported
Watchdog	Supported
Network Topology	
Star topology	Supported
Bus topology	Supported
Tree topology	Supported
Mechanical Structure	
IP grade	IP40
Installation method	DIN-Rail
Dimension (W*D*H)	30*85*85 mm
Weight	0.35 kg
Operating Environment	Operating temperature: -40°C to 75°C Storage temperature: -40°C to 85°C Relative humidity: 5% to 95% (non-condensing)
Industrial Standard	Surge protection of power: IEC 61000-4-5 Level 3 (4kV/2kV, 8/20us) Surge protection of Ethernet port: IEC 61000-4-5 Level 3 (4kV/2kV, 10/700us) DIP: IEC 61000-4-11 Level 3 (10V) ESD: IEC 61000-4-2 Level 4 (8kV/15kV) Shock: IEC 60068-2-27 Free fall: IEC 60068-2-32 Vibration: IEC 60068-2-6
Certification	CE, FCC, RoHS
Warranty	5 years

Structure Diagram:

SC/FC/ST Interface



SFP Interface



Order Information:

Model No.	Description
LV-IPS0102F-SFP	Unmanaged industrial PoE media converter, 2* 10/100Base-TX PoE ports and 1*100Base-X SFP slot, Compliant with IEEE 802.3af/at standard, DIN-Rail, 44-57VDC, -40 to 75°C operating temperature (The transmission distance of the fiber port depends on the SFP transceiver)
LV-IPS0102F-SC	Unmanaged industrial PoE media converter, 2* 10/100Base-TX PoE ports and 1*100Base-FX SC port, Compliant with IEEE 802.3af/at standard, Multi-mode/Single-mode, Dual-fiber/Single-fiber, 2Km, 20/40/60/80/100/120Km optional, DIN-Rail, 44-57VDC, -40 to 75°C operating temperature
LV-IPS0102F-FC	Unmanaged industrial PoE media converter, 2* 10/100Base-TX PoE ports and 1*100Base-FX FC port, Compliant with IEEE 802.3af/at standard, Multi-mode/Single-mode, Dual-fiber/Single-fiber, 2Km, 20/40/60/80/100/120Km optional, DIN-Rail, 44-57VDC, -40 to 75°C operating temperature
LV-IPS0102F-ST	Unmanaged industrial PoE media converter, 2* 10/100Base-TX PoE ports and 1*100Base-FX ST port, Compliant with IEEE 802.3af/at standard, Multi-mode/Single-mode, Dual-fiber/Single-fiber, 2Km, 20/40/60/80/100/120Km optional, DIN-Rail, 44-57VDC, -40 to 75°C operating temperature

**2* 10/100Base-TX to 2* 100Base-X
Compact Industrial PoE Media Converter**

**LV-IPS0202F
Series**

Features:

- 2*10/100Base-TX RJ45 PoE ports.



- 2* 100Base-X SFP slots.
- Supports 44-57VDC input, redundant power supply with reverse polarity and over-voltage protection.
- Compliant with IEEE 802.3af PoE and IEEE 802.3at PoE+ standards.
- DIP switch functions: 1). Fiber redundant, 2). Flow Control, 3). 250m extended reach, 4). PoE watchdog.
- IP40-rated fan-less aluminum alloy housing with DIN-Rail hardware design.
- Operating temperature range: -40°C to 75°C.

Overview:

The Linkvue LV-IPS0202F is an unmanaged industrial-grade PoE media converter with 2-port 10/100Base-TX RJ45 PoE and 2-port 100Base-X SFP slots. It complies with the IEEE 802.3af/at standard PoE protocol, with a maximum power consumption of up to 30W (PoE+) per port. It boasts features like fiber redundant, flow control, 250m extended reach, and a PoE watchdog function, all configurable via the DIP switch on the top panel.

The LV-IPS0202F series offers a cost-effective and user-friendly solution, delivering vital industrial Ethernet networking functions. This includes a wide power input range of 44-57VDC, redundant power design with safeguards against polarity reversal and over-voltage, a sturdy fan-less IP40 compact housing suitable for DIN-Rail installation. It operates effectively in a wide temperature range from -40°C to 75°C and excels in high-level EMI/EMC performance. These converters are designed for challenging environments such as heavy industrial factories, transportation, oil & gas facilities, chemicals, IP surveillance, and process automation, these switches exceed standard commercial product specifications.

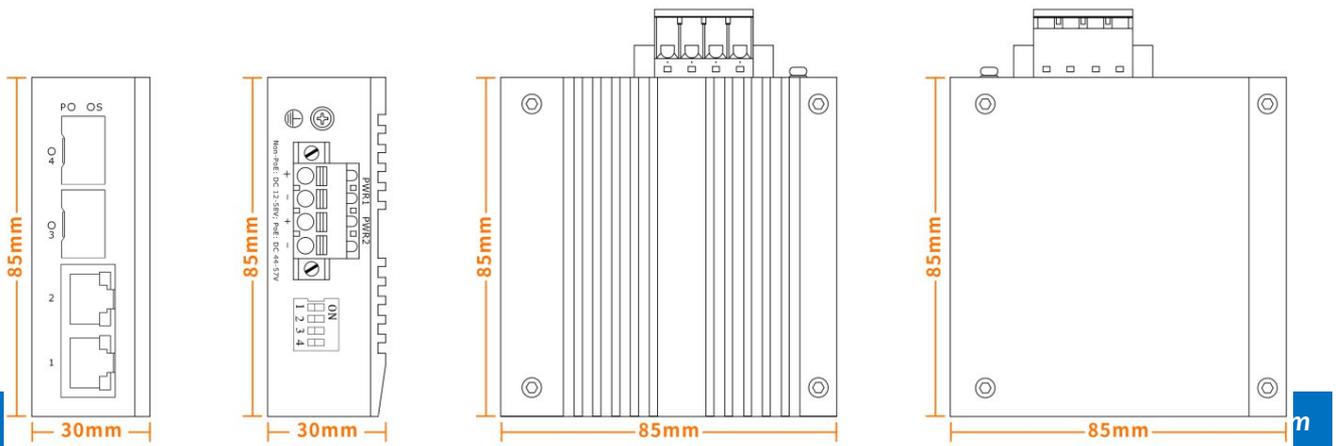
Technical Specification:

	Fiber port	Ethernet (RJ45) port
Interface	2	2
	2* 10/100Base-TX RJ45 PoE ports 2* 100Base-X SFP slots	
Standard	IEEE 802.3 10Base-T Ethernet IEEE 802.3u Fast Ethernet IEEE 802.3x Full-Duplex Flow Control	

	IEEE 802.3az Energy Efficient Ethernet IEEE 802.3af Power-Over-Ethernet (PoE) IEEE 802.3at Power Over Ethernet plus PSE (PoE+)		
DIP Switch	1). Fiber redundant 2). Flow control 3). 250m extended reach 4). PoE watchdog		
LED Indicator	P (Power Indicator) Green	Off: Device power is off or a failure has occurred	
		On: Device power is normal	
	S (PoE Usage Indicator) Red	Off: Total PoE usage < rated 50%	
		Blinking: Rated 50% < total PoE usage < rated 90%	
		On: Total PoE usage ≥ rated 90%	
	1-2 (RJ45 Port)	Green Indicator	Yellow Indicator
		Off: Port link is inactive	Off: PoE not operational
		On: Port link is active	On: PoE operational
		Blinking: Data transmission on TX/RX	
	3-4 (Fiber Port) Green	Off: Port link is inactive	
On: Port link is active			
Blinking: Data transmission on TX/RX			
Power Parameter			
Input voltage	44-57VDC (redundant power input)		
Input current	1.5A Max		
Total power consumption	Full load without PoE ≤3W PoE power budget ≤60W		
Connector	Removable 4-pin terminal block		
Reverse polarity protection	Supported		
Over-voltage protection	Supported		
Switching Feature			
Switching capacity	1.0 Gbps		
Packet forwarding rate	0.744 Mpps		
MAC address table	2K		
VLAN	2K		
Buffer	1M		

Forwarding delay	<10us
Jumbo frame	10K bytes
MDX/MIDX	Supported
Watchdog	Supported
Network Topology	
Star topology	Supported
Bus topology	Supported
Tree topology	Supported
Mechanical Structure	
IP grade	IP40
Installation method	DIN-Rail
Dimension (W*D*H)	30*85*85 mm
Weight	0.35 kg
Operating Environment	Operating temperature: -40°C to 75°C Storage temperature: -40°C to 85°C Relative humidity: 5% to 95% (non-condensing)
Industrial Standard	Surge protection of power: IEC 61000-4-5 Level 3 (4kV/2kV, 8/20us) Surge protection of Ethernet port: IEC 61000-4-5 Level 3 (4kV/2kV, 10/700us) DIP: IEC 61000-4-11 Level 3 (10V) ESD: IEC 61000-4-2 Level 4 (8kV/15kV) Shock: IEC 60068-2-27 Free fall: IEC 60068-2-32 Vibration: IEC 60068-2-6
Certification	CE, FCC, RoHS
Warranty	5 years

Structure Diagram:



Order Information:

Model No.	Description
LV-IPS0202F	Unmanaged industrial PoE media converter, 2*10/100Base-TX PoE ports and 2*100Base-X SFP slots, Compliant with IEEE 802.3af/at standard, DIN-Rail, 44-57VDC, -40 to 75°C operating temperature (The transmission distance of the fiber port depends on the SFP transceiver)

LV-IPS0101G Series

1*10/100/1000Base-TX to 1*1000Base-FX Compact Industrial PoE Media Converter



Features:

- 1*10/100/1000Base-TX RJ45 PoE port.
- 1*1000Base-FX SC/SFP fiber port (FC or ST optional).
- Supports 44-57VDC input, redundant power supply with reverse polarity and over-voltage protection.
- Compliant with IEEE 802.3af PoE and IEEE 802.3at PoE+ standards.
- DIP switch functions: 1). Link Fault Pass-through (LFP), 2). Fiber port 100M/1000M speed selection, 3). 250m extended reach, 4). PoE watchdog.
- IP40-rated fan-less aluminum alloy housing with DIN-Rail hardware design.
- Operating temperature range: -40°C to 75°C.

Overview:

The Linkvue LV-IPS0101G is an unmanaged industrial-grade PoE media converter with 1-port 10/100/1000Base-TX RJ45 PoE and 1-port 1000Base-FX SC/SFP (FC or ST optional) fiber optical interface. It complies with the IEEE 802.3af/at standard PoE protocol, with a maximum power consumption of up to 30W (PoE+) per port. It boasts features like LFP, fiber port 100M/1000M speed selection, 250m extended reach, and a PoE watchdog function, all configurable via the DIP switch on the top panel.

The LV-IPS0101G series offers a cost-effective and user-friendly solution, delivering vital industrial Ethernet networking functions. This includes a wide power input range of 44-57VDC, redundant power design with safeguards against polarity reversal and over-voltage, a sturdy fan-less IP40 compact housing suitable for DIN-Rail installation. It operates effectively in a wide temperature range from -40°C to 75°C and excels in high-level EMI/EMC performance. These converters are designed for challenging environments such as heavy industrial factories, transportation, oil & gas facilities, chemicals, IP surveillance, and process automation, these switches exceed standard commercial product specifications.

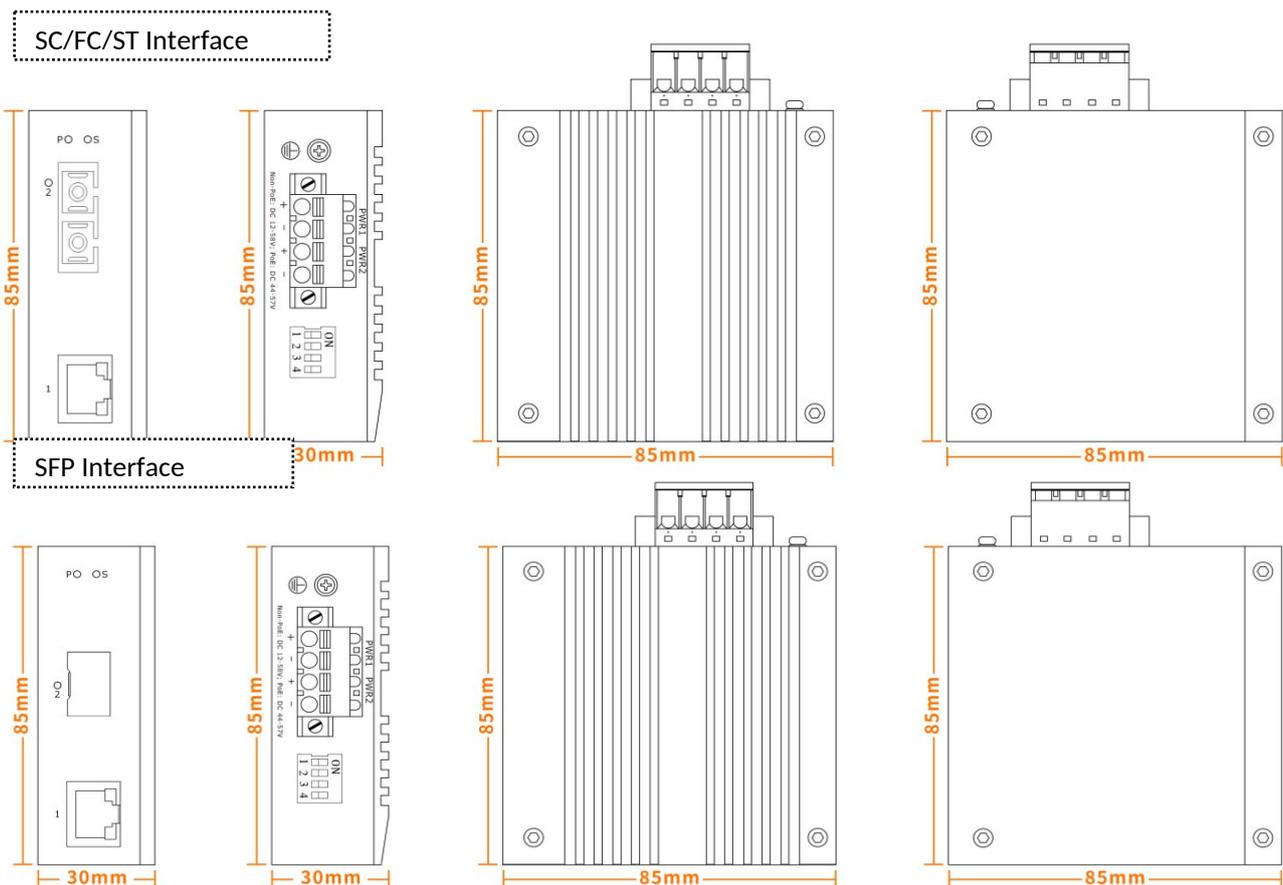
Technical Specification:

Interface	Fiber port	Ethernet (RJ45) port
		1
	1* 10/100/1000Base-TX RJ45 PoE port 1* 1000Base-FX SC/SFP fiber port (FC or ST optional)	
Standard	IEEE 802.3 10Base-T Ethernet IEEE 802.3u Fast Ethernet IEEE 802.3ab Gigabit Ethernet IEEE 802.3x Full-Duplex Flow Control IEEE 802.3az Energy Efficient Ethernet IEEE 802.3af Power-Over-Ethernet (PoE) IEEE 802.3at Power Over Ethernet plus PSE (PoE+)	
DIP Switch	1). Link Fault Pass-through (LFP) 2). Fiber port 100M/1000M speed selection 3). 250m extended reach 4). PoE watchdog	
LED Indicator	P (Power Indicator) Green	Off: Device power is off or a failure has occurred
		On: Device power is normal
	S (PoE Usage Indicator) Red	Off: Total PoE usage < rated 50%
		Blinking: Rated 50% < total PoE usage < rated 90%
		On: Total PoE usage ≥ rated 90%
	1 (RJ45 Port)	Green Indicator
Off: Port link is inactive		Off: PoE not operational
On: Port link is active		On: PoE operational

		Blinking: Data transmission on TX/RX	
	2 (Fiber Port) Green	Off: Port link is inactive	
		On: Port link is active	
		Blinking: Data transmission on TX/RX	
Power Parameter			
Input voltage	44-57VDC (redundant power input)		
Input current	0.75A Max		
Total power consumption	Full load without PoE $\leq 2W$ PoE power budget $\leq 30W$		
Connector	Removable 4-pin terminal block		
Reverse polarity protection	Supported		
Over-voltage protection	Supported		
Switching Feature			
Switching capacity	2.0 Gbps		
Packet forwarding rate	2.97 Mpps		
MAC address table	8K		
VLAN	4K		
Buffer	1M		
Forwarding delay	<10us		
Jumbo frame	10K bytes		
MDX/MIDX	Supported		
Watchdog	Supported		
Network Topology			
Star topology	Supported		
Bus topology	Supported		
Tree topology	Supported		
Mechanical Structure			
IP grade	IP40		
Installation method	DIN-Rail		
Dimension (W*D*H)	30*85*85 mm		

Weight	0.35 kg
Operating Environment	Operating temperature: -40°C to 75°C Storage temperature: -40°C to 85°C Relative humidity: 5% to 95% (non-condensing)
Industrial Standard	Surge protection of power: IEC 61000-4-5 Level 3 (4kV/2kV, 8/20us) Surge protection of Ethernet port: IEC 61000-4-5 Level 3 (4kV/2kV, 10/700us) DIP: IEC 61000-4-11 Level 3 (10V) ESD: IEC 61000-4-2 Level 4 (8kV/15kV) Shock: IEC 60068-2-27 Free fall: IEC 60068-2-32 Vibration: IEC 60068-2-6
Certification	CE, FCC, RoHS
Warranty	5 years

Structure Diagram:



Order Information:

Model No.	Description
LV-IPSO101G-SFP	Unmanaged industrial PoE media converter, 1*10/100/1000Base-TX PoE port and 1*1000Base-X SFP slot, Compliant with IEEE 802.3af/at standard, DIN-Rail, 44-57VDC, -40 to 75°C operating temperature

	(The transmission distance of the fiber port depends on the SFP transceiver)
LV-IPS0101G-SC	Unmanaged industrial PoE media converter, 1*10/100/1000Base-TX PoE port and 1*1000Base-FX SC port, Compliant with IEEE 802.3af/at standard, Multi-mode/Single-mode, Dual-fiber/Single-fiber, 550m, 20/40/60/80/100/120Km optional, DIN-Rail, 44-57VDC, -40 to 75°C operating temperature
LV-IPS0101G-FC	Unmanaged industrial PoE media converter, 1*10/100/1000Base-TX PoE port and 1*1000Base-FX FC port, Compliant with IEEE 802.3af/at standard, Multi-mode/Single-mode, Dual-fiber/Single-fiber, 550m, 20/40/60/80/100/120Km optional, DIN-Rail, 44-57VDC, -40 to 75°C operating temperature
LV-IPS0101G-ST	Unmanaged industrial PoE media converter, 1*10/100/1000Base-TX PoE port and 1*1000Base-FX ST port, Compliant with IEEE 802.3af/at standard, Multi-mode/Single-mode, Dual-fiber/Single-fiber, 550m, 20/40/60/80/100/120Km optional, DIN-Rail, 44-57VDC, -40 to 75°C operating temperature

LV-IPS0102G Series

2*10/100/1000Base-TX to 1*1000Base-FX Compact Industrial PoE Media Converter



IP40



15.4W



30.0W



Features:

- 2*10/100/1000Base-TX RJ45 PoE ports.
- 1*1000Base-FX SC/SFP fiber port (FC or ST optional).
- Supports 44-57VDC input, redundant power supply with reverse polarity and over-voltage protection.
- Compliant with IEEE 802.3af PoE and IEEE 802.3at PoE+ standards.
- DIP switch functions: 1). Port isolation, 2). Fiber port 100M/1000M speed selection, 3). 250m extended reach, 4). PoE watchdog.
- IP40-rated fan-less aluminum alloy housing with DIN-Rail hardware design.
- Operating temperature range: -40°C to 75°C.

Overview:

The Linkvue LV-IPS0102G is an unmanaged industrial-grade PoE media converter with 2-port 10/100/1000Base-TX RJ45 PoE and 1-port 1000Base-FX SC/SFP (FC or ST optional) fiber optical interface. It complies with the IEEE 802.3af/at standard PoE protocol, with a maximum power consumption of up to 30W (PoE+) per port. It boasts features like port isolation, fiber port 100M/1000M speed selection, 250m extended reach, and a PoE watchdog function, all configurable via the DIP switch on the top panel.

The LV-IPS0102G series offers a cost-effective and user-friendly solution, delivering vital industrial Ethernet networking functions. This includes a wide power input range of 44-57VDC, redundant power design with safeguards against polarity reversal and over-voltage, a sturdy fan-less IP40 compact housing suitable for DIN-Rail installation. It operates effectively in a wide temperature range from -40°C to 75°C and excels in high-level EMI/EMC performance. These converters are designed for challenging environments such as heavy industrial factories, transportation, oil & gas facilities, chemicals, IP surveillance, and process automation, these switches exceed standard commercial product specifications.

Technical Specification:

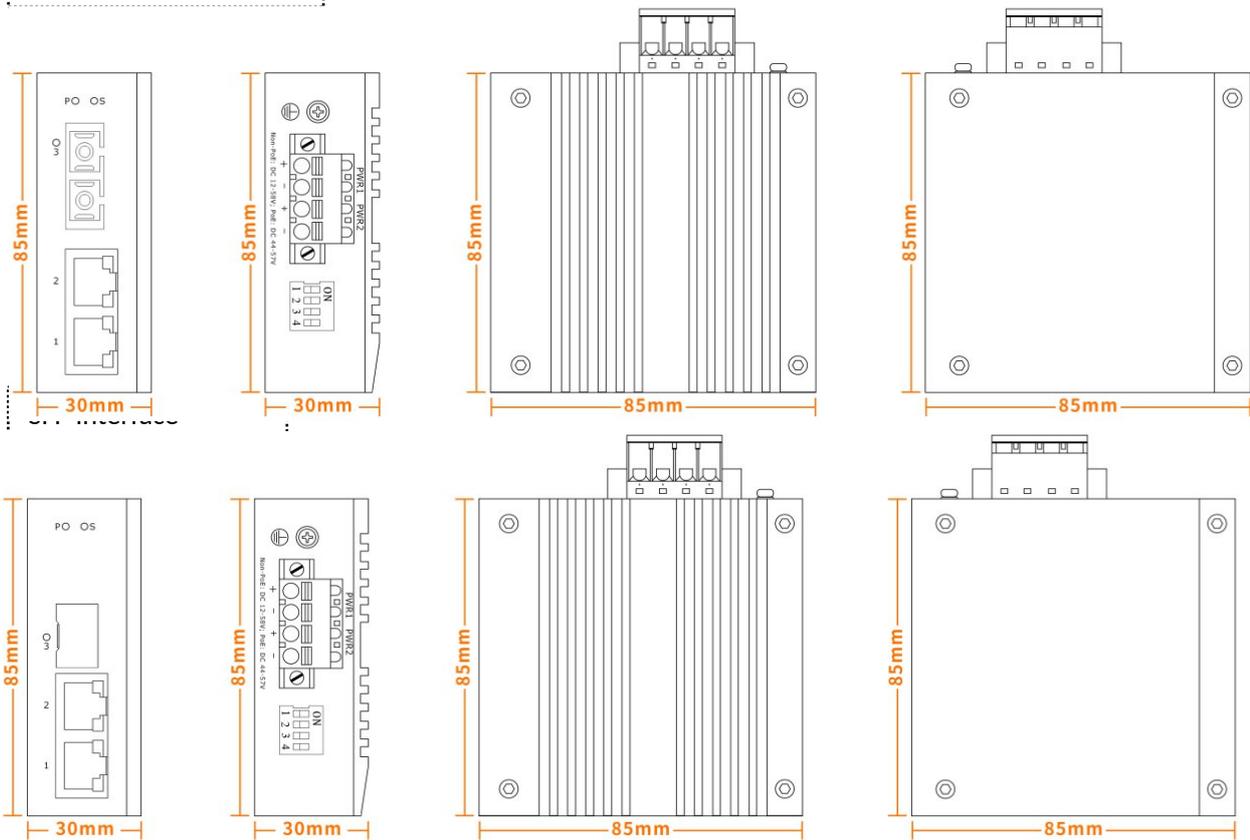
Interface	Fiber port	Ethernet (RJ45) port	
	1	2	
	2* 10/100/1000Base-TX RJ45 PoE ports 1* 1000Base-FX SC/SFP fiber port (FC or ST optional)		
Standard	IEEE 802.3 10Base-T Ethernet IEEE 802.3u Fast Ethernet IEEE 802.3ab Gigabit Ethernet IEEE 802.3x Full-Duplex Flow Control IEEE 802.3az Energy Efficient Ethernet IEEE 802.3af Power-Over-Ethernet (PoE) IEEE 802.3at Power Over Ethernet plus PSE (PoE+)		
DIP Switch	1). Port isolation 2). Fiber port 100M/1000M speed selection 3). 250m extended reach 4). PoE watchdog		
LED Indicator	P (Power Indicator) Green	Off: Device power is off or a failure has occurred	
		On: Device power is normal	
	S (PoE Usage Indicator) Red	Off: Total PoE usage < rated 50%	
		Blinking: Rated 50% < total PoE usage < rated 90%	
		On: Total PoE usage ≥ rated 90%	
	1-2 (RJ45 Port)	Green Indicator	Yellow Indicator
		Off: Port link is inactive	Off: PoE not operational
		On: Port link is active	On: PoE operational
	Blinking: Data transmission on TX/RX		
	3 (Fiber Port) Green	Off: Port link is inactive	
On: Port link is active			
Blinking: Data transmission on TX/RX			
Power Parameter			

Input voltage	44-57VDC (redundant power input)
Input current	1.5A Max
Total power consumption	Full load without PoE $\leq 2.5W$ PoE power budget $\leq 60W$
Connector	Removable 4-pin terminal block
Reverse polarity protection	Supported
Over-voltage protection	Supported
Switching Feature	
Switching capacity	6.0 Gbps
Packet forwarding rate	8.92 Mpps
MAC address table	8K
VLAN	4K
Buffer	1M
Forwarding delay	<10us
Jumbo frame	10K bytes
MDX/MIDX	Supported
Watchdog	Supported
Network Topology	
Star topology	Supported
Bus topology	Supported
Tree topology	Supported
Mechanical Structure	
IP grade	IP40
Installation method	DIN-Rail
Dimension (W*D*H)	30*85*85 mm
Weight	0.35 kg
Operating Environment	Operating temperature: -40°C to 75°C Storage temperature: -40°C to 85°C Relative humidity: 5% to 95% (non-condensing)
Industrial Standard	Surge protection of power: IEC 61000-4-5 Level 3 (4kV/2kV, 8/20us) Surge protection of Ethernet port: IEC 61000-4-5 Level 3 (4kV/2kV, 10/700us) DIP: IEC 61000-4-11 Level 3 (10V)

	ESD: IEC 61000-4-2 Level 4 (8kV/15kV) Shock: IEC 60068-2-27 Free fall: IEC 60068-2-32 Vibration: IEC 60068-2-6
Certification	CE, FCC, RoHS
Warranty	5 years

Structure Diagram:

SC/FC/ST Interface



Order Information:

Model No.	Description
LV-IPS0102G-SFP	Unmanaged industrial PoE media converter, 2*10/100/1000Base-TX PoE ports and 1*1000Base-X SFP slot, Compliant with IEEE 802.3af/at standard, DIN-Rail, 44-57VDC, -40 to 75°C operating temperature (The transmission distance of the fiber port depends on the SFP transceiver)
LV-IPS0102G-SC	Unmanaged industrial PoE media converter, 2*10/100/1000Base-TX PoE ports and 1*1000Base-FX SC port, Compliant with IEEE 802.3af/at standard, Multi-mode/Single-mode, Dual-fiber/Single-fiber, 550m, 20/40/60/80/100/120Km optional, DIN-Rail, 44-57VDC, -40 to 75°C operating temperature
LV-IPS0102G-FC	Unmanaged industrial PoE media converter, 2*10/100/1000Base-TX PoE ports and 1*1000Base-FX FC port, Compliant with IEEE 802.3af/at standard, Multi-mode/Single-mode, Dual-fiber/Single-fiber, 550m, 20/40/60/80/100/120Km optional, DIN-Rail, 44-57VDC, -40 to 75°C operating temperature
LV-IPS0102G-ST	Unmanaged industrial PoE media converter, 2*10/100/1000Base-TX PoE ports and 1*1000Base-FX ST port, Compliant with IEEE 802.3af/at standard, Multi-mode/Single-mode, Dual-fiber/Single-fiber,

-ST	550m, 20/40/60/80/100/120Km optional, DIN-Rail, 44-57VDC, -40 to 75°C operating temperature
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LV-IPS0202G Series

2 * 10/100/1000Base-TX to 2 * 1000Base-X Compact Industrial PoE Media Converter



Features:

- 2 * 10/100/1000Base-TX RJ45 PoE ports.
- 2 * 1000Base-X SFP slots.
- Supports 44-57VDC input, redundant power supply with reverse polarity and over-voltage protection.
- Compliant with IEEE 802.3af PoE and IEEE 802.3at PoE+ standards.
- DIP switch functions: 1). Fiber redundant, 2). Fiber port 100M/1000M speed selection, 3). 250m extended reach, 4). PoE watchdog.
- IP40-rated fan-less aluminum alloy housing with DIN-Rail hardware design.
- Operating temperature range: -40°C to 75°C.

Overview:

The Linkvue LV-IPS0202G is an unmanaged industrial-grade PoE media converter with 2-port 10/100/1000Base-TX RJ45 PoE and 2-port 1000Base-X SFP slot. It complies with the IEEE 802.3af/at standard PoE protocol, with a maximum power consumption of up to 30W (PoE+) per port. It boasts features like fiber redundant, fiber port 100M/1000M speed selection, 250m extended reach, and a PoE watchdog function, all configurable via the DIP switch on the top panel.

The LV-IPS0202G series offers a cost-effective and user-friendly solution, delivering vital industrial Ethernet networking functions. This includes a wide power input range of 44-57VDC, redundant power design with safeguards against polarity reversal and over-voltage, a sturdy fan-less IP40 compact housing suitable for DIN-Rail installation. It operates effectively in a wide temperature range from -40°C to 75°C and excels in high-level EMI/EMC performance. These converters are designed for challenging environments such as heavy industrial factories, transportation, oil & gas facilities, chemicals, IP surveillance, and process automation, these switches

exceed standard commercial product specifications.

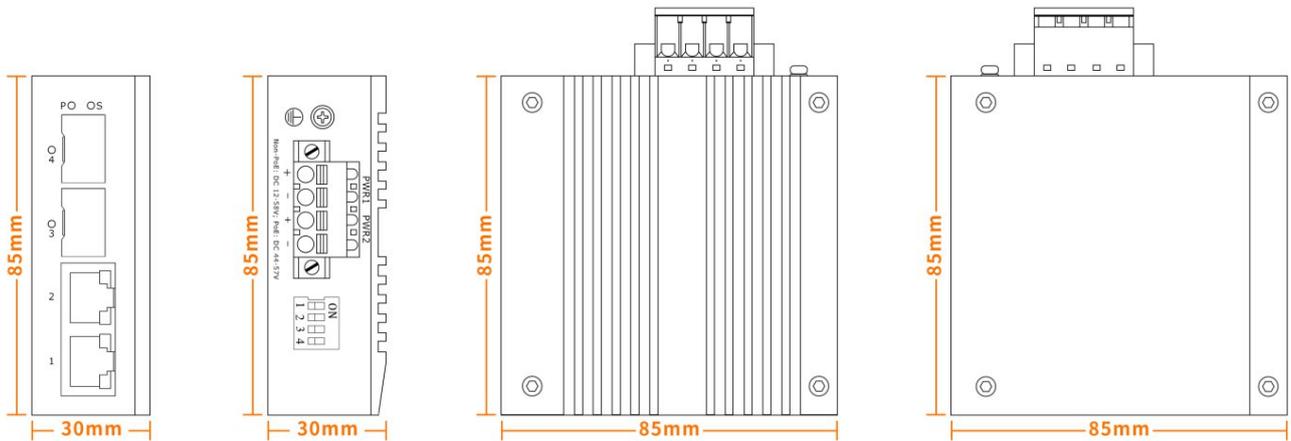
Technical Specification:

Interface	Fiber port	Ethernet (RJ45) port	
		2	2
	2* 10/100/1000Base-TX RJ45 PoE ports 2* 1000Base-X SFP slots		
Standard	IEEE 802.3 10Base-T Ethernet IEEE 802.3u Fast Ethernet IEEE 802.3ab Gigabit Ethernet IEEE 802.3x Full-Duplex Flow Control IEEE 802.3az Energy Efficient Ethernet IEEE 802.3af Power-Over-Ethernet (PoE) IEEE 802.3at Power Over Ethernet plus PSE (PoE+)		
DIP Switch	1). Fiber redundant 2). Fiber port 100M/1000M speed selection 3). 250m extended reach 4). PoE watchdog		
LED Indicator	P (Power Indicator) Green	Off: Device power is off or a failure has occurred	
		On: Device power is normal	
	S (PoE Usage Indicator) Red	Off: Total PoE usage < rated 50%	
		Blinking: Rated 50% < total PoE usage < rated 90%	
		On: Total PoE usage ≥ rated 90%	
	1-2 (RJ45 Port)	Green Indicator	Yellow Indicator
		Off: Port link is inactive	Off: PoE not operational
		On: Port link is active	On: PoE operational
		Blinking: Data transmission on TX/RX	
	3-4 (Fiber Port) Green	Off: Port link is inactive	
On: Port link is active			
Blinking: Data transmission on TX/RX			
Power Parameter			
Input voltage	44-57VDC (redundant power input)		
Input current	1.5A Max		
Total power consumption	Full load without PoE ≤3W PoE power budget ≤60W		
Connector	Removable 4-pin terminal block		

Reverse polarity protection	Supported
Over-voltage protection	Supported
Switching Feature	
Switching capacity	8.0 Gbps
Packet forwarding rate	11.9 Mpps
MAC address table	8K
VLAN	4K
Buffer	1M
Forwarding delay	<10us
Jumbo frame	10K bytes
MDX/MIDX	Supported
Watchdog	Supported
Network Topology	
Star topology	Supported
Bus topology	Supported
Tree topology	Supported
Mechanical Structure	
IP grade	IP40
Installation method	DIN-Rail
Dimension (W*D*H)	30*85*85 mm
Weight	0.35 kg
Operating Environment	Operating temperature: -40°C to 75°C Storage temperature: -40°C to 85°C Relative humidity: 5% to 95% (non-condensing)
Industrial Standard	Surge protection of power: IEC 61000-4-5 Level 3 (4kV/2kV, 8/20us) Surge protection of Ethernet port: IEC 61000-4-5 Level 3 (4kV/2kV, 10/700us) DIP: IEC 61000-4-11 Level 3 (10V) ESD: IEC 61000-4-2 Level 4 (8kV/15kV) Shock: IEC 60068-2-27 Free fall: IEC 60068-2-32 Vibration: IEC 60068-2-6
Certification	CE, FCC, RoHS

Warranty	5 years
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Structure Diagram:



Order Information:

Model No.	Description
LV-IPS0202G	Unmanaged industrial PoE media converter, 2*10/100/1000Base-TX PoE ports and 2*1000Base-X SFP slots, Compliant with IEEE 802.3af/at standard, DIN-Rail, 44-57VDC, -40 to 75°C operating temperature (The transmission distance of the fiber port depends on the SFP transceiver)

LV-IPS0005F Series

5*10/100Base-TX Unmanaged Industrial PoE Switch with 4-port PoE/PoE+



Features:

- 4*10/100Base-TX RJ45 PoE ports.
- 1*10/100Base-TX RJ45 uplink port.
- Supports 44-57VDC input, redundant power supply with reverse polarity and over-voltage protection.
- Compliant with IEEE 802.3af PoE and IEEE 802.3at PoE+ standards.
- DIP switch functions: 1). Port isolation, 2). 250m extended reach, 3). Quality of Service (QoS), 4). PoE watchdog.
- IP40-rated fan-less aluminum alloy housing with DIN-Rail hardware design.
- Operating temperature range: -40°C to 75°C.

Overview:

The Linkvue LV-IPS0005F is an unmanaged industrial-grade PoE switch with 4-port 10/100Base-TX RJ45 PoE and 1-port 10/100Base-TX RJ45 uplink. It complies with the IEEE 802.3af/at standard PoE protocol, with a maximum power consumption of up to 30W (PoE+) per port. It boasts features like port isolation, 250m extended reach, QoS, and a PoE watchdog function, all configurable via the DIP switch on the top panel.

The LV-IPS0005F series offers a cost-effective and user-friendly solution, delivering vital industrial Ethernet networking functions. This includes a wide power input range of 44-57VDC, redundant power design with safeguards against polarity reversal and over-voltage, a sturdy fan-less IP40 compact housing suitable for DIN-Rail installation. It operates effectively in a wide temperature range from -40°C to 75°C and excels in high-level EMI/EMC performance. These switches are designed for challenging environments such as heavy industrial factories, transportation, oil & gas facilities, chemicals, IP surveillance, and process automation, these switches exceed standard commercial product specifications.

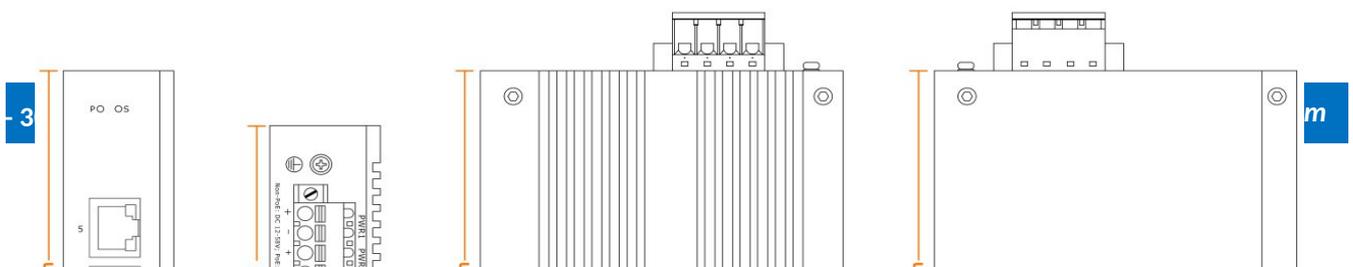
Technical Specification:

Interface	Fiber port	Ethernet (RJ45) port
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	0	5	
	4* 10/100Base-TX RJ45 PoE ports, 1* 10/100Base-TX RJ45 uplink port		
Standard	IEEE 802.3 10Base-T Ethernet IEEE 802.3u Fast Ethernet IEEE 802.3x Full-Duplex Flow Control IEEE 802.3az Energy Efficient Ethernet IEEE 802.3af Power-Over-Ethernet (PoE) IEEE 802.3at Power Over Ethernet plus PSE (PoE+)		
DIP Switch	1). Port isolation 2). 250m extended reach 3). Quality of Service (QoS) 4). PoE watchdog		
LED Indicator	P (Power Indicator) Green	Off: Device power is off or a failure has occurred	
		On: Device power is normal	
	S (PoE Usage Indicator) Red	Off: Total PoE usage < rated 50%	
		Blinking: Rated 50% < total PoE usage < rated 90%	
		On: Total PoE usage ≥ rated 90%	
	1-4 (RJ45 Port)	Green Indicator	Yellow Indicator
		Off: Port link is inactive	Off: PoE not operational
		On: Port link is active	On: PoE operational
		Blinking: Data transmission on TX/RX	
	5 (RJ45 Port)	Green Indicator	Yellow Indicator
		Off: Port link is inactive	Off: Port speed is 10M
		On: Port link is active	On: Port speed is 100M
Blinking: Data transmission on TX/RX			
Power Parameter			
Input voltage	44-57VDC (redundant power input)		
Input current	3A Max		
Total power consumption	Full load without PoE ≤4W PoE power budget ≤120W		
Connector	Removable 4-pin terminal block		
Reverse polarity protection	Supported		
Over-voltage protection	Supported		

Switching Feature	
Switching capacity	1.0 Gbps
Packet forwarding rate	1.48 Mpps
MAC address table	2K
VLAN	2K
Buffer	2M
Forwarding delay	<10us
Jumbo frame	2K bytes
MDX/MIDX	Supported
Watchdog	Supported
Network Topology	
Star topology	Supported
Bus topology	Supported
Tree topology	Supported
Mechanical Structure	
IP grade	IP40
Installation method	DIN-Rail
Dimension (W*D*H)	30*98*130 mm
Weight	0.55 kg
Operating Environment	Operating temperature: -40°C to 75°C Storage temperature: -40°C to 85°C Relative humidity: 5% to 95% (non-condensing)
Industrial Standard	Surge protection of power: IEC 61000-4-5 Level 3 (4kV/2kV, 8/20us) Surge protection of Ethernet port: IEC 61000-4-5 Level 3 (4kV/2kV, 10/700us) DIP: IEC 61000-4-11 Level 3 (10V) ESD: IEC 61000-4-2 Level 4 (8kV/15kV) Shock: IEC 60068-2-27 Free fall: IEC 60068-2-32 Vibration: IEC 60068-2-6
Certification	CE, FCC, RoHS
Warranty	5 years

Structure Dia



Order Information:

Model No.	Description
LV-IPS0005F	Unmanaged industrial PoE switch, 4*10/100Base-TX PoE ports and 1*10/100Base-TX RJ45 uplink port, Compliant with IEEE 802.3af/at standard, DIN-Rail, 44-57VDC, -40 to 75°C operating temperature

LV-IPS0008F Series

8 * 10/100Base-TX Unmanaged Industrial PoE Switch



Features:

- 8* 10/100Base-TX RJ45 PoE ports.
- Supports 44-57VDC input, redundant power supply with reverse polarity and over-voltage protection.
- Compliant with IEEE 802.3af PoE and IEEE 802.3at PoE+ standards.
- DIP switch functions: 1). Port isolation, 2). 250m extended reach, 3). Quality of Service (QoS), 4). PoE watchdog.
- IP40-rated fan-less aluminum alloy housing with DIN-Rail hardware design.
- Operating temperature range: -40°C to 75°C.

Overview:

The Linkvue LV-IPS0008F is an unmanaged industrial-grade PoE switch with 8-port 10/100Base-TX RJ45 PoE. It complies with the IEEE 802.3af/at standard PoE protocol, with a maximum power consumption of up to 30W (PoE+)

per port. It boasts features like port isolation, 250m extended reach, QoS, and a PoE watchdog function, all configurable via the DIP switch on the top panel.

The LV-IPS0008F series offers a cost-effective and user-friendly solution, delivering vital industrial Ethernet networking functions. This includes a wide power input range of 44-57VDC, redundant power design with safeguards against polarity reversal and over-voltage, a sturdy fan-less IP40 compact housing suitable for DIN-Rail installation. It operates effectively in a wide temperature range from -40°C to 75°C and excels in high-level EMI/EMC performance. These switches are designed for challenging environments such as heavy industrial factories, transportation, oil & gas facilities, chemicals, IP surveillance, and process automation, these switches exceed standard commercial product specifications.

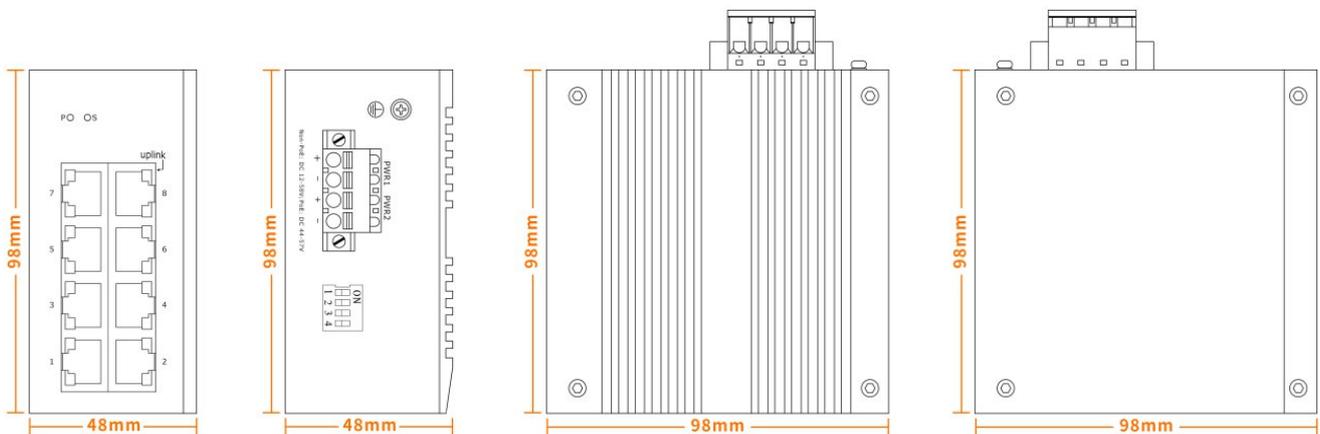
Technical Specification:

Interface	Fiber port	Ethernet (RJ45) port
		0
	8* 10/100Base-TX RJ45 PoE ports	
Standard	IEEE 802.3 10Base-T Ethernet IEEE 802.3u Fast Ethernet IEEE 802.3x Full-Duplex Flow Control IEEE 802.3az Energy Efficient Ethernet IEEE 802.3af Power-Over-Ethernet (PoE) IEEE 802.3at Power Over Ethernet plus PSE (PoE+)	
DIP Switch	1). Port isolation 2). 250m extended reach 3). Quality of Service (QoS) 4). PoE watchdog	
LED Indicator	P (Power Indicator) Green	Off: Device power is off or a failure has occurred
		On: Device power is normal
	S (PoE Usage Indicator) Red	Off: Total PoE usage < rated 50%
		Blinking: Rated 50% < total PoE usage < rated 90%
		On: Total PoE usage ≥ rated 90%
	1-8 (RJ45 Port)	Green Indicator
Off: Port link is inactive		Off: PoE not operational
On: Port link is active		On: PoE operational

		Blinking: Data transmission on TX/RX	
Power Parameter			
Input voltage	44-57VDC (redundant power input)		
Input current	5.6A Max		
Total power consumption	Full load without PoE ≤4W PoE power budget ≤240W		
Connector	Removable 4-pin terminal block		
Reverse polarity protection	Supported		
Over-voltage protection	Supported		
Switching Feature			
Switching capacity	1.6 Gbps		
Packet forwarding rate	2.38 Mpps		
MAC address table	2K		
VLAN	2K		
Buffer	2M		
Forwarding delay	<10us		
Jumbo frame	10K bytes		
MDX/MIDX	Supported		
Watchdog	Supported		
Network Topology			
Star topology	Supported		
Bus topology	Supported		
Tree topology	Supported		
Mechanical Structure			
IP grade	IP40		
Installation method	DIN-Rail		
Dimension (W*D*H)	48*98*98 mm		
Weight	0.6 kg		
Operating Environment	Operating temperature: -40°C to 75°C Storage temperature: -40°C to 85°C		

	Relative humidity: 5% to 95% (non-condensing)
Industrial Standard	Surge protection of power: IEC 61000-4-5 Level 3 (4kV/2kV, 8/20us) Surge protection of Ethernet port: IEC 61000-4-5 Level 3 (4kV/2kV, 10/700us) DIP: IEC 61000-4-11 Level 3 (10V) ESD: IEC 61000-4-2 Level 4 (8kV/15kV) Shock: IEC 60068-2-27 Free fall: IEC 60068-2-32 Vibration: IEC 60068-2-6
Certification	CE, FCC, RoHS
Warranty	5 years

Structure Diagram:



Order Information:

Model No.	Description
LV-IPS0008F	Unmanaged industrial PoE switch, 8*10/100Base-TX PoE ports, Compliant with IEEE 802.3af/at standard, DIN-Rail, 44-57VDC, -40 to 75°C operating temperature

LV-IPS0104F Series

4* 10/100Base-TX to 1* 100Base-FX
Unmanaged Industrial PoE Switch



Features:

- 4* 10/100Base-TX RJ45 PoE ports.
- 1* 100Base-FX SC/SFP fiber port (FC or ST optional).
- Supports 44-57VDC input, redundant power supply with reverse polarity and over-voltage protection.
- Compliant with IEEE 802.3af PoE and IEEE 802.3at PoE+ standards.
- DIP switch functions: 1). Port isolation, 2). 250m extended reach, 3). Quality of Service (QoS), 4). PoE watchdog.
- IP40-rated fan-less aluminum alloy housing with DIN-Rail hardware design.
- Operating temperature range: -40°C to 75°C.

Overview:

The Linkvue LV-IPS0104F is an unmanaged industrial-grade PoE switch with 4-port 10/100Base-TX RJ45 PoE and 1-port 100Base-FX SC/SFP (FC or ST optional) fiber optical interface. It complies with the IEEE 802.3af/at standard PoE protocol, with a maximum power consumption of up to 30W (PoE+) per port. It boasts features like port isolation, 250m extended reach, QoS, and a PoE watchdog function, all configurable via the DIP switch on the top panel.

The LV-IPS0104F series offers a cost-effective and user-friendly solution, delivering vital industrial Ethernet networking functions. This includes a wide power input range of 44-57VDC, redundant power design with safeguards against polarity reversal and over-voltage, a sturdy fan-less IP40 compact housing suitable for DIN-Rail installation. It operates effectively in a wide temperature range from -40°C to 75°C and excels in high-level EMI/EMC performance. These switches are designed for challenging environments such as heavy industrial

factories, transportation, oil & gas facilities, chemicals, IP surveillance, and process automation, these switches exceed standard commercial product specifications.

Technical Specification:

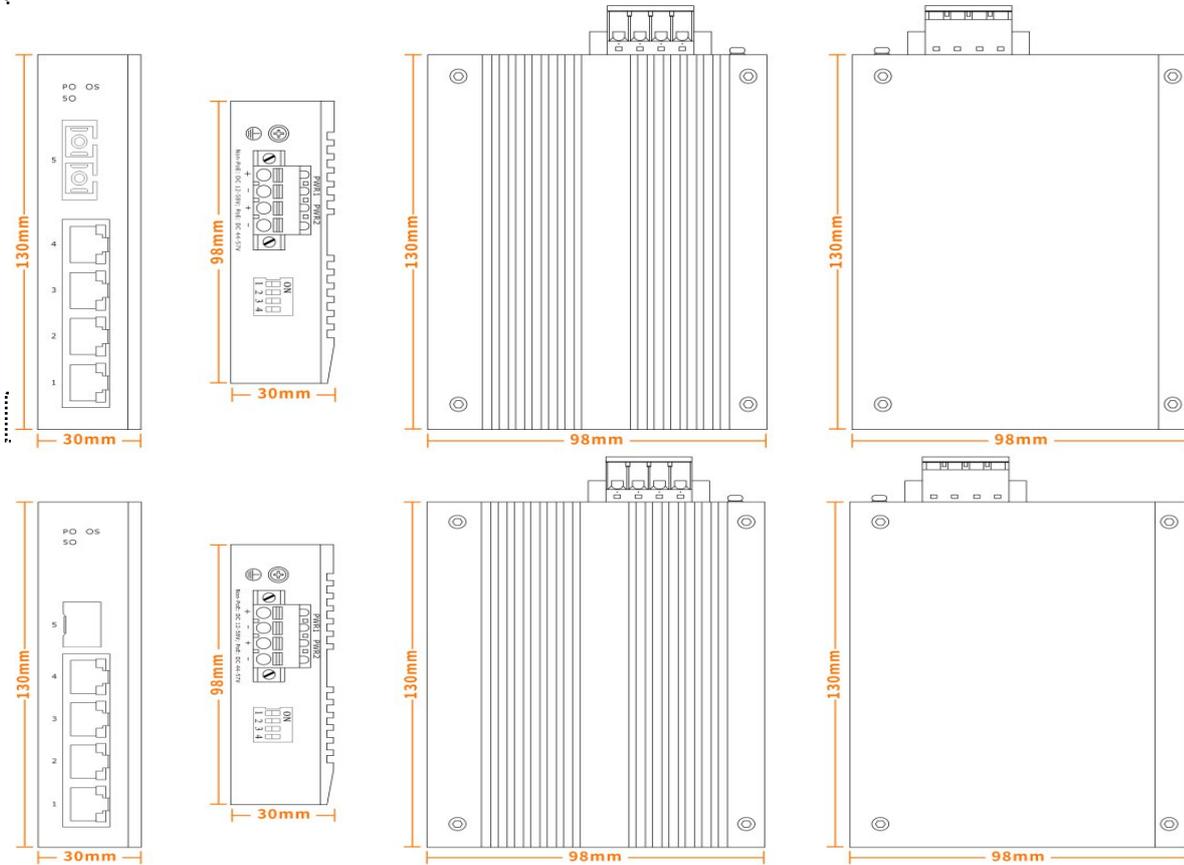
Interface	Fiber port	Ethernet (RJ45) port	
	1	4	
	4* 10/100Base-TX RJ45 PoE ports 1* 100Base-FX SC/SFP fiber port (FC or ST optional)		
Standard	IEEE 802.3 10Base-T Ethernet IEEE 802.3u Fast Ethernet IEEE 802.3x Full-Duplex Flow Control IEEE 802.3az Energy Efficient Ethernet IEEE 802.3af Power-Over-Ethernet (PoE) IEEE 802.3at Power Over Ethernet plus PSE (PoE+)		
DIP Switch	1). Port isolation 2). 250m extended reach 3). Quality of Service (QoS) 4). PoE watchdog		
LED Indicator	P (Power Indicator) Green	Off: Device power is off or a failure has occurred	
		On: Device power is normal	
	S (PoE Usage Indicator) Red	Off: Total PoE usage < rated 50%	
		Blinking: Rated 50% < total PoE usage < rated 90%	
		On: Total PoE usage ≥ rated 90%	
	1-4 (RJ45 Port)	Green Indicator	Yellow Indicator
		Off: Port link is inactive	Off: PoE not operational
		On: Port link is active	On: PoE operational
	Blinking: Data transmission on TX/RX		
	5 (Fiber Port) Green	Off: Port link is inactive	
On: Port link is active			
Blinking: Data transmission on TX/RX			
Power Parameter			
Input voltage	44-57VDC (redundant power input)		
Input current	3A Max		
Total power consumption	Full load without PoE ≤4W PoE power budget ≤120W		
Connector	Removable 4-pin terminal block		

Reverse polarity protection	Supported
Over-voltage protection	Supported
Switching Feature	
Switching capacity	1.0 Gbps
Packet forwarding rate	1.48 Mpps
MAC address table	2K
VLAN	2K
Buffer	2M
Forwarding delay	<10us
Jumbo frame	9K bytes
MDX/MIDX	Supported
Watchdog	Supported
Network Topology	
Star topology	Supported
Bus topology	Supported
Tree topology	Supported
Mechanical Structure	
IP grade	IP40
Installation method	DIN-Rail
Dimension (W*D*H)	30*98*130 mm
Weight	0.55 kg
Operating Environment	Operating temperature: -40°C to 75°C Storage temperature: -40°C to 85°C Relative humidity: 5% to 95% (non-condensing)
Industrial Standard	Surge protection of power: IEC 61000-4-5 Level 3 (4kV/2kV, 8/20us) Surge protection of Ethernet port: IEC 61000-4-5 Level 3 (4kV/2kV, 10/700us) DIP: IEC 61000-4-11 Level 3 (10V) ESD: IEC 61000-4-2 Level 4 (8kV/15kV) Shock: IEC 60068-2-27 Free fall: IEC 60068-2-32 Vibration: IEC 60068-2-6
Certification	CE, FCC, RoHS

Warranty	5 years
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Structure Diagram:

SC/FC/ST Interface



Order Information:

Model No.	Description
LV-IPS0104F-SFP	Unmanaged industrial PoE switch, 4*10/100Base-TX PoE ports and 1*100Base-X SFP slot, Compliant with IEEE 802.3af/at standard, DIN-Rail, 44-57VDC, -40 to 75°C operating temperature (The transmission distance of the fiber port depends on the SFP transceiver)
LV-IPS0104F-SC	Unmanaged industrial PoE switch, 4*10/100Base-TX PoE ports and 1*100Base-FX SC port, Compliant with IEEE 802.3af/at standard, Multi-mode/Single-mode, Dual-fiber/Single-fiber, 2Km, 20/40/60/80/100/120Km optional, DIN-Rail, 44-57VDC, -40 to 75°C operating temperature
LV-IPS0104F-FC	Unmanaged industrial PoE switch, 4*10/100Base-TX PoE ports and 1*100Base-FX FC port, Compliant with IEEE 802.3af/at standard, Multi-mode/Single-mode, Dual-fiber/Single-fiber, 2Km, 20/40/60/80/100/120Km optional, DIN-Rail, 44-57VDC, -40 to 75°C operating temperature
LV-IPS0104F-ST	Unmanaged industrial PoE switch, 4*10/100Base-TX PoE ports and 1*100Base-FX ST port, Compliant with IEEE 802.3af/at standard, Multi-mode/Single-mode, Dual-fiber/Single-fiber, 2Km, 20/40/60/80/100/120Km optional, DIN-Rail, 44-57VDC, -40 to 75°C operating temperature

LV-IPS0108F Series

8*10/100Base-TX to 1*100Base-FX
Unmanaged Industrial PoE Switch



Features:

- 8*10/100Base-TX RJ45 PoE ports.
- 1*100Base-FX SC/SFP fiber port (FC or ST optional).
- Supports 44-57VDC input, redundant power supply with reverse polarity and over-voltage protection.
- Compliant with IEEE 802.3af PoE and IEEE 802.3at PoE+ standards.
- DIP switch functions: 1). Port isolation, 2). 250m extended reach, 3). Quality of Service (QoS), 4). PoE watchdog.
- IP40-rated fan-less aluminum alloy housing with DIN-Rail hardware design.
- Operating temperature range: -40°C to 75°C.

Overview:

The Linkvue LV-IPS0108F is an unmanaged industrial-grade PoE switch with 8-port 10/100Base-TX RJ45 PoE and 1-port 100Base-FX SC/SFP (FC or ST optional) fiber optical interface. It complies with the IEEE 802.3af/at standard PoE protocol, with a maximum power consumption of up to 30W (PoE+) per port. It boasts features like port isolation, 250m extended reach, QoS, and a PoE watchdog function, all configurable via the DIP switch on the top panel.

The LV-IPS0108F series offers a cost-effective and user-friendly solution, delivering vital industrial Ethernet networking functions. This includes a wide power input range of 44-57VDC, redundant power design with safeguards against polarity reversal and over-voltage, a sturdy fan-less IP40 compact housing suitable for DIN-Rail installation. It operates effectively in a wide temperature range from -40°C to 75°C and excels in high-level EMI/EMC performance. These switches are designed for challenging environments such as heavy industrial factories, transportation, oil & gas facilities, chemicals, IP surveillance, and process automation, these switches exceed standard commercial product specifications.

Technical Specification:

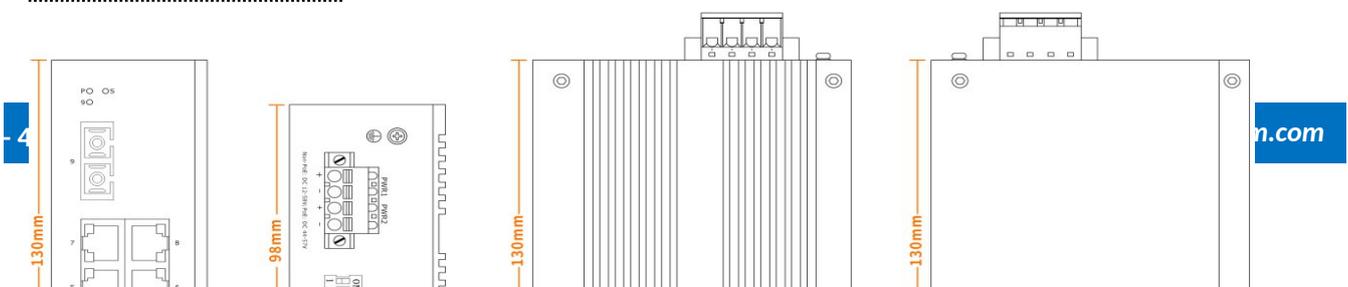
Interface	Fiber port	Ethernet (RJ45) port
		1

	8* 10/100Base-TX RJ45 PoE ports 1* 100Base-FX SC/SFP fiber port (FC or ST optional)		
Standard	IEEE 802.3 10Base-T Ethernet IEEE 802.3u Fast Ethernet IEEE 802.3x Full-Duplex Flow Control IEEE 802.3az Energy Efficient Ethernet IEEE 802.3af Power-Over-Ethernet (PoE) IEEE 802.3at Power Over Ethernet plus PSE (PoE+)		
DIP Switch	1). Port isolation 2). 250m extended reach 3). Quality of Service (QoS) 4). PoE watchdog		
LED Indicator	P (Power Indicator) Green	Off: Device power is off or a failure has occurred	
		On: Device power is normal	
	S (PoE Usage Indicator) Red	Off: Total PoE usage < rated 50%	
		Blinking: Rated 50% < total PoE usage < rated 90%	
		On: Total PoE usage ≥ rated 90%	
	1-8 (RJ45 Port)	Green Indicator	Yellow Indicator
		Off: Port link is inactive	Off: PoE not operational
		On: Port link is active	On: PoE operational
		Blinking: Data transmission on TX/RX	
	9 (Fiber Port) Green	Off: Port link is inactive	
On: Port link is active			
Blinking: Data transmission on TX/RX			
Power Parameter			
Input voltage	44-57VDC (redundant power input)		
Input current	5.6A Max		
Total power consumption	Full load without PoE ≤5W PoE power budget ≤240W		
Connector	Removable 4-pin terminal block		
Reverse polarity protection	Supported		
Over-voltage protection	Supported		
Switching Feature			
Switching capacity	1.8 Gbps		

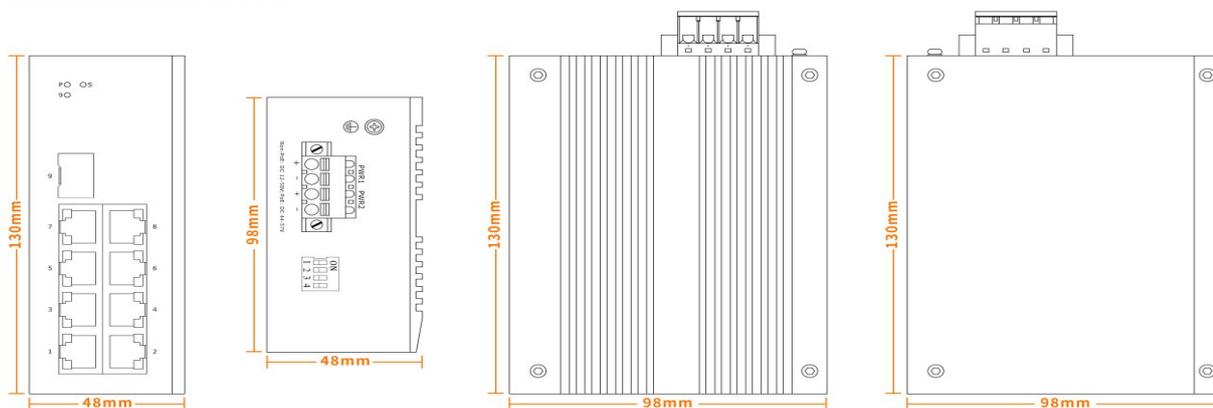
Packet forwarding rate	2.67 Mpps
MAC address table	2K
VLAN	2K
Buffer	2M
Forwarding delay	<10us
Jumbo frame	9K bytes
MDX/MIDX	Supported
Watchdog	Supported
Network Topology	
Star topology	Supported
Bus topology	Supported
Tree topology	Supported
Mechanical Structure	
IP grade	IP40
Installation method	DIN-Rail
Dimension (W*D*H)	48*98*130 mm
Weight	0.7 kg
Operating Environment	Operating temperature: -40°C to 75°C Storage temperature: -40°C to 85°C Relative humidity: 5% to 95% (non-condensing)
Industrial Standard	Surge protection of power: IEC 61000-4-5 Level 3 (4kV/2kV, 8/20us) Surge protection of Ethernet port: IEC 61000-4-5 Level 3 (4kV/2kV, 10/700us) DIP: IEC 61000-4-11 Level 3 (10V) ESD: IEC 61000-4-2 Level 4 (8kV/15kV) Shock: IEC 60068-2-27 Free fall: IEC 60068-2-32 Vibration: IEC 60068-2-6
Certification	CE, FCC, RoHS
Warranty	5 years

Structure Diagram:

SC/FC/ST Interface



SFP Interface



Order Information:

Model No.	Description
LV-IPS0108F-SFP	Unmanaged industrial PoE switch, 8*10/100Base-TX PoE ports and 1*100Base-X SFP slot, Compliant with IEEE 802.3af/at standard, DIN-Rail, 44-57VDC, -40 to 75°C operating temperature (The transmission distance of the fiber port depends on the SFP transceiver)
LV-IPS0108F-SC	Unmanaged industrial PoE switch, 8*10/100Base-TX PoE ports and 1*100Base-FX SC port, Compliant with IEEE 802.3af/at standard, Multi-mode/Single-mode, Dual-fiber/Single-fiber, 2Km, 20/40/60/80/100/120Km optional, DIN-Rail, 44-57VDC, -40 to 75°C operating temperature
LV-IPS0108F-FC	Unmanaged industrial PoE switch, 8*10/100Base-TX PoE ports and 1*100Base-FX FC port, Compliant with IEEE 802.3af/at standard, Multi-mode/Single-mode, Dual-fiber/Single-fiber, 2Km, 20/40/60/80/100/120Km optional, DIN-Rail, 44-57VDC, -40 to 75°C operating temperature
LV-IPS0108F-ST	Unmanaged industrial PoE switch, 8*10/100Base-TX PoE ports and 1*100Base-FX ST port, Compliant with IEEE 802.3af/at standard, Multi-mode/Single-mode, Dual-fiber/Single-fiber, 2Km, 20/40/60/80/100/120Km optional, DIN-Rail, 44-57VDC, -40 to 75°C operating temperature

LV-IPS0204F Series

4*10/100Base-TX to 2*100Base-FX
Unmanaged Industrial PoE Switch



Features:

- 4*10/100Base-TX RJ45 PoE ports.
- 2*100Base-FX SC/SFP fiber ports (FC or ST optional).
- Supports 44-57VDC input, redundant power supply



with reverse polarity and over-voltage protection.

- Compliant with IEEE 802.3af PoE and IEEE 802.3at PoE+ standards.
- DIP switch functions: 1). Port isolation, 2). 250m extended reach, 3). Quality of Service (QoS), 4). PoE watchdog.
- IP40-rated fan-less aluminum alloy housing with DIN-Rail hardware design.
- Operating temperature range: -40°C to 75°C.

Overview:

The Linkvue LV-IPS0204F is an unmanaged industrial-grade PoE switch with 4-port 10/100Base-TX RJ45 PoE and 2-port 100Base-FX SC/SFP (FC or ST optional) fiber optical interface. It complies with the IEEE 802.3af/at standard PoE protocol, with a maximum power consumption of up to 30W (PoE+) per port. It boasts features like port isolation, 250m extended reach, QoS, and a PoE watchdog function, all configurable via the DIP switch on the top panel.

The LV-IPS0204F series offers a cost-effective and user-friendly solution, delivering vital industrial Ethernet networking functions. This includes a wide power input range of 44-57VDC, redundant power design with safeguards against polarity reversal and over-voltage, a sturdy fan-less IP40 compact housing suitable for DIN-Rail installation. It operates effectively in a wide temperature range from -40°C to 75°C and excels in high-level EMI/EMC performance. These switches are designed for challenging environments such as heavy industrial factories, transportation, oil & gas facilities, chemicals, IP surveillance, and process automation, these switches exceed standard commercial product specifications.

Technical Specification:

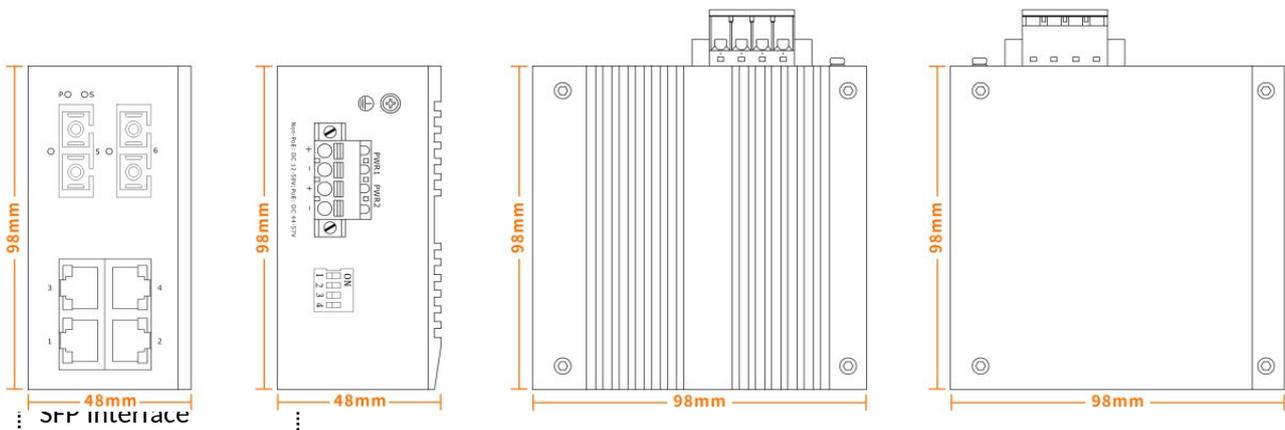
	Fiber port	Ethernet (RJ45) port
Interface	2	4
	4* 10/100Base-TX RJ45 PoE ports 2* 100Base-FX SC/SFP fiber ports (FC or ST optional)	
Standard	IEEE 802.3 10Base-T Ethernet IEEE 802.3u Fast Ethernet IEEE 802.3x Full-Duplex Flow Control IEEE 802.3az Energy Efficient Ethernet IEEE 802.3af Power-Over-Ethernet (PoE) IEEE 802.3at Power Over Ethernet plus PSE (PoE+)	
DIP Switch	1). Port isolation	

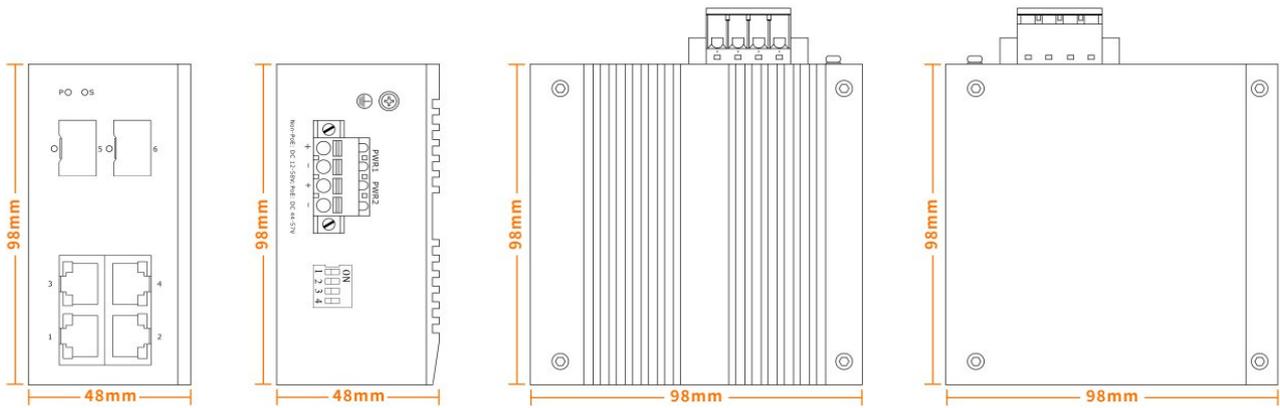
	2). 250m extended reach 3). Quality of Service (QoS) 4). PoE watchdog		
LED Indicator	P (Power Indicator) Green	Off: Device power is off or a failure has occurred	
		On: Device power is normal	
	S (PoE Usage Indicator) Red	Off: Total PoE usage < rated 50%	
		Blinking: Rated 50% < total PoE usage < rated 90%	
		On: Total PoE usage ≥ rated 90%	
	1-4 (RJ45 Port)	Green Indicator	Yellow Indicator
		Off: Port link is inactive	Off: PoE not operational
		On: Port link is active	On: PoE operational
		Blinking: Data transmission on TX/RX	
	5-6 (Fiber Port) Green	Off: Port link is inactive	
On: Port link is active			
Blinking: Data transmission on TX/RX			
Power Parameter			
Input voltage	44-57VDC (redundant power input)		
Input current	3A Max		
Total power consumption	Full load without PoE ≤4W PoE power budget ≤120W		
Connector	Removable 4-pin terminal block		
Reverse polarity protection	Supported		
Over-voltage protection	Supported		
Switching Feature			
Switching capacity	1.2 Gbps		
Packet forwarding rate	1.78 Mpps		
MAC address table	2K		
VLAN	2K		
Buffer	2M		
Forwarding delay	<10us		
Jumbo frame	9K bytes		

MDX/MIDX	Supported
Watchdog	Supported
Network Topology	
Star topology	Supported
Bus topology	Supported
Tree topology	Supported
Mechanical Structure	
IP grade	IP40
Installation method	DIN-Rail
Dimension (W*D*H)	48*98*98 mm
Weight	0.6 kg
Operating Environment	Operating temperature: -40°C to 75°C Storage temperature: -40°C to 85°C Relative humidity: 5% to 95% (non-condensing)
Industrial Standard	Surge protection of power: IEC 61000-4-5 Level 3 (4kV/2kV, 8/20us) Surge protection of Ethernet port: IEC 61000-4-5 Level 3 (4kV/2kV, 10/700us) DIP: IEC 61000-4-11 Level 3 (10V) ESD: IEC 61000-4-2 Level 4 (8kV/15kV) Shock: IEC 60068-2-27 Free fall: IEC 60068-2-32 Vibration: IEC 60068-2-6
Certification	CE, FCC, RoHS
Warranty	5 years

Structure Diagram:

SC/FC/ST Interface





Order Information:

Model No.	Description
LV-IPS0204F-SFP	Unmanaged industrial PoE switch, 4*10/100Base-TX PoE ports and 2*100Base-X SFP slots, Compliant with IEEE 802.3af/at standard, DIN-Rail, 44-57VDC, -40 to 75°C operating temperature (The transmission distance of the fiber port depends on the SFP transceiver)
LV-IPS0204F-SC	Unmanaged industrial PoE switch, 4*10/100Base-TX PoE ports and 2*100Base-FX SC ports, Compliant with IEEE 802.3af/at standard, Multi-mode/Single-mode, Dual-fiber/Single-fiber, 2Km, 20/40/60/80/100/120Km optional, DIN-Rail, 44-57VDC, -40 to 75°C operating temperature
LV-IPS0204F-FC	Unmanaged industrial PoE switch, 4*10/100Base-TX PoE ports and 2*100Base-FX FC ports, Compliant with IEEE 802.3af/at standard, Multi-mode/Single-mode, Dual-fiber/Single-fiber, 2Km, 20/40/60/80/100/120Km optional, DIN-Rail, 44-57VDC, -40 to 75°C operating temperature
LV-IPS0204F-ST	Unmanaged industrial PoE switch, 4*10/100Base-TX PoE ports and 2*100Base-FX ST ports, Compliant with IEEE 802.3af/at standard, Multi-mode/Single-mode, Dual-fiber/Single-fiber, 2Km, 20/40/60/80/100/120Km optional, DIN-Rail, 44-57VDC, -40 to 75°C operating temperature

LV-IPS0206F Series

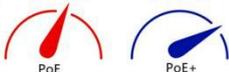
6 * 10/100Base-TX to 2 * 100Base-FX
Unmanaged Industrial PoE Switch



Features:

- 6*10/100Base-TX RJ45 PoE ports.
- 2*100Base-FX SC/SFP fiber ports (FC or ST optional).
- Supports 44-57VDC input, redundant power supply with reverse polarity and over-voltage protection.
- Compliant with IEEE 802.3af PoE and IEEE 802.3at PoE+ standards.
- DIP switch functions: 1). Port isolation, 2). 250m extended reach, 3). Quality of Service (QoS), 4). PoE watchdog.

15.4W 30.0W



linkvuesystem.com

<https://www.linkvuesystem.com>

➤ IP40-rated fan-less aluminum alloy housing with DIN-Rail hardware design.

➤ Operating temperature range: -40°C to 75°C.

Overview:

The Linkvue LV-IPS0206F is an unmanaged industrial-grade PoE switch with 6-port 10/100Base-TX RJ45 PoE and 2-port 100Base-FX SC/SFP (FC or ST optional) fiber optical interface. It complies with the IEEE 802.3af/at standard PoE protocol, with a maximum power consumption of up to 30W (PoE+) per port. It boasts features like port isolation, 250m extended reach, QoS, and a PoE watchdog function, all configurable via the DIP switch on the top panel.

The LV-IPS0206F series offers a cost-effective and user-friendly solution, delivering vital industrial Ethernet networking functions. This includes a wide power input range of 44-57VDC, redundant power design with safeguards against polarity reversal and over-voltage, a sturdy fan-less IP40 compact housing suitable for DIN-Rail installation. It operates effectively in a wide temperature range from -40°C to 75°C and excels in high-level EMI/EMC performance. These switches are designed for challenging environments such as heavy industrial factories, transportation, oil & gas facilities, chemicals, IP surveillance, and process automation, these switches exceed standard commercial product specifications.

Technical Specification:

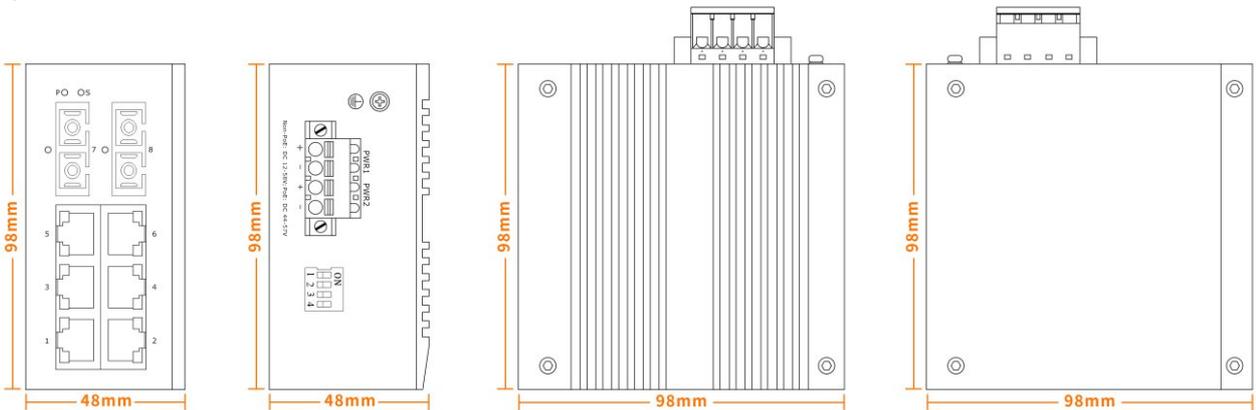
Interface	Fiber port	Ethernet (RJ45) port
		2
	6* 10/100Base-TX RJ45 PoE ports 2* 100Base-FX SC/SFP fiber ports (FC or ST optional)	
Standard	IEEE 802.3 10Base-T Ethernet IEEE 802.3u Fast Ethernet IEEE 802.3x Full-Duplex Flow Control IEEE 802.3az Energy Efficient Ethernet IEEE 802.3af Power-Over-Ethernet (PoE) IEEE 802.3at Power Over Ethernet plus PSE (PoE+)	
DIP Switch	1). Port isolation 2). 250m extended reach 3). Quality of Service (QoS) 4). PoE watchdog	
LED Indicator	P (Power Indicator) Green	Off: Device power is off or a failure has occurred On: Device power is normal
	S (PoE Usage)	Off: Total PoE usage < rated 50%

	Indicator) Red	Blinking: Rated 50% < total PoE usage < rated 90%	
		On: Total PoE usage ≥ rated 90%	
	1-6 (RJ45 Port)	Green Indicator	Yellow Indicator
		Off: Port link is inactive	Off: PoE not operational
		On: Port link is active	On: PoE operational
	Blinking: Data transmission on TX/RX		
	7-8 (Fiber Port) Green	Off: Port link is inactive	
On: Port link is active			
Blinking: Data transmission on TX/RX			
Power Parameter			
Input voltage	44-57VDC (redundant power input)		
Input current	4.5A Max		
Total power consumption	Full load without PoE ≤4W PoE power budget ≤180W		
Connector	Removable 4-pin terminal block		
Reverse polarity protection	Supported		
Over-voltage protection	Supported		
Switching Feature			
Switching capacity	1.6 Gbps		
Packet forwarding rate	2.38 Mpps		
MAC address table	2K		
VLAN	2K		
Buffer	2M		
Forwarding delay	<10us		
Jumbo frame	9K bytes		
MDX/MIDX	Supported		
Watchdog	Supported		
Network Topology			
Star topology	Supported		
Bus topology	Supported		

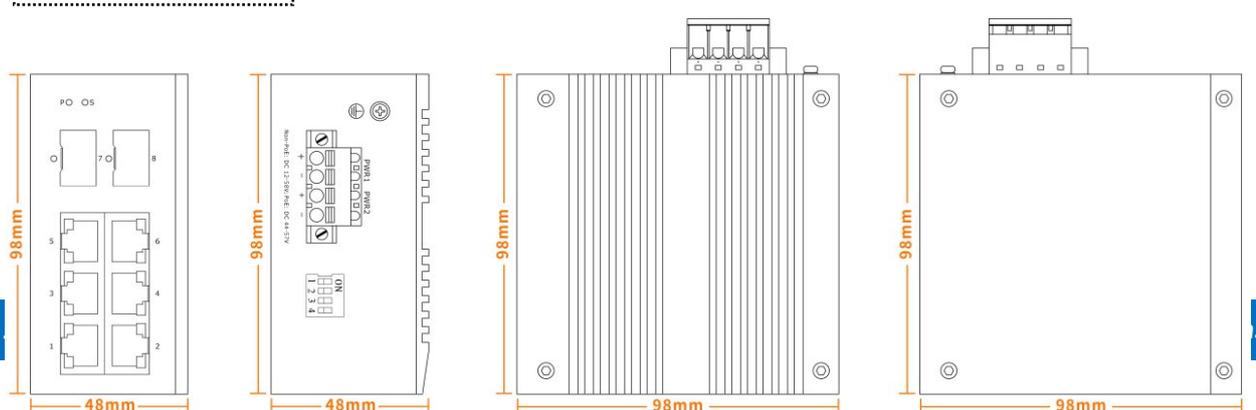
Tree topology	Supported
Mechanical Structure	
IP grade	IP40
Installation method	DIN-Rail
Dimension (W*D*H)	48*98*98 mm
Weight	0.6 kg
Operating Environment	Operating temperature: -40°C to 75°C Storage temperature: -40°C to 85°C Relative humidity: 5% to 95% (non-condensing)
Industrial Standard	Surge protection of power: IEC 61000-4-5 Level 3 (4kV/2kV, 8/20us) Surge protection of Ethernet port: IEC 61000-4-5 Level 3 (4kV/2kV, 10/700us) DIP: IEC 61000-4-11 Level 3 (10V) E SD: IEC 61000-4-2 Level 4 (8kV/15kV) Shock: IEC 60068-2-27 Free fall: IEC 60068-2-32 Vibration: IEC 60068-2-6
Certification	CE, FCC, RoHS
Warranty	5 years

Structure Diagram:

SC/FC/ST Interface



S-P Interface



Order Information:

Model No.	Description
LV-IPS0206F-SFP	Unmanaged industrial PoE switch, 6*10/100Base-TX PoE ports and 2*100Base-X SFP slots, Compliant with IEEE 802.3af/at standard, DIN-Rail, 44-57VDC, -40 to 75°C operating temperature (The transmission distance of the fiber port depends on the SFP transceiver)
LV-IPS0206F-SC	Unmanaged industrial PoE switch, 6*10/100Base-TX PoE ports and 2*100Base-FX SC ports, Compliant with IEEE 802.3af/at standard, Multi-mode/Single-mode, Dual-fiber/Single-fiber, 2Km, 20/40/60/80/100/120Km optional, DIN-Rail, 44-57VDC, -40 to 75°C operating temperature
LV-IPS0206F-FC	Unmanaged industrial PoE switch, 6*10/100Base-TX PoE ports and 2*100Base-FX FC ports, Compliant with IEEE 802.3af/at standard, Multi-mode/Single-mode, Dual-fiber/Single-fiber, 2Km, 20/40/60/80/100/120Km optional, DIN-Rail, 44-57VDC, -40 to 75°C operating temperature
LV-IPS0206F-ST	Unmanaged industrial PoE switch, 6*10/100Base-TX PoE ports and 2*100Base-FX ST ports, Compliant with IEEE 802.3af/at standard, Multi-mode/Single-mode, Dual-fiber/Single-fiber, 2Km, 20/40/60/80/100/120Km optional, DIN-Rail, 44-57VDC, -40 to 75°C operating temperature

LV-IPS0005G Series

5 * 10/100/1000Base-TX Unmanaged Industrial PoE Switch with 4-port PoE/PoE+



Features:

- 4* 10/100/1000Base-TX RJ45 PoE ports.
- 1* 10/100/1000Base-TX RJ45 uplink port.
- Supports 44-57VDC input, redundant power supply with reverse polarity and over-voltage protection.
- Compliant with IEEE 802.3af PoE and IEEE 802.3at PoE+ standards.
- DIP switch functions: 1). Port isolation, 2). 250m extended reach, 3). Quality of Service (QoS), 4). PoE watchdog.
- IP40-rated fan-less aluminum alloy housing with DIN-Rail hardware design.
- Operating temperature range: -40°C to 75°C.

Overview:

The Linkvue LV-IPS0005G is an unmanaged industrial-grade PoE switch with 4-port 10/100/1000Base-TX RJ45 PoE and 1-port 10/100/1000Base-TX RJ45 uplink. It complies with the IEEE 802.3af/at standard PoE protocol, with a maximum power consumption of up to 30W (PoE+) per port. It boasts features like port isolation, 250m extended reach, QoS, and a PoE watchdog function, all configurable via the DIP switch on the top panel.

The LV-IPS0005G series offers a cost-effective and user-friendly solution, delivering vital industrial Ethernet networking functions. This includes a wide power input range of 44-57VDC, redundant power design with safeguards against polarity reversal and over-voltage, a sturdy fan-less IP40 compact housing suitable for DIN-Rail installation. It operates effectively in a wide temperature range from -40°C to 75°C and excels in high-level EMI/EMC performance. These switches are designed for challenging environments such as heavy industrial factories, transportation, oil & gas facilities, chemicals, IP surveillance, and process automation, these switches exceed standard commercial product specifications.

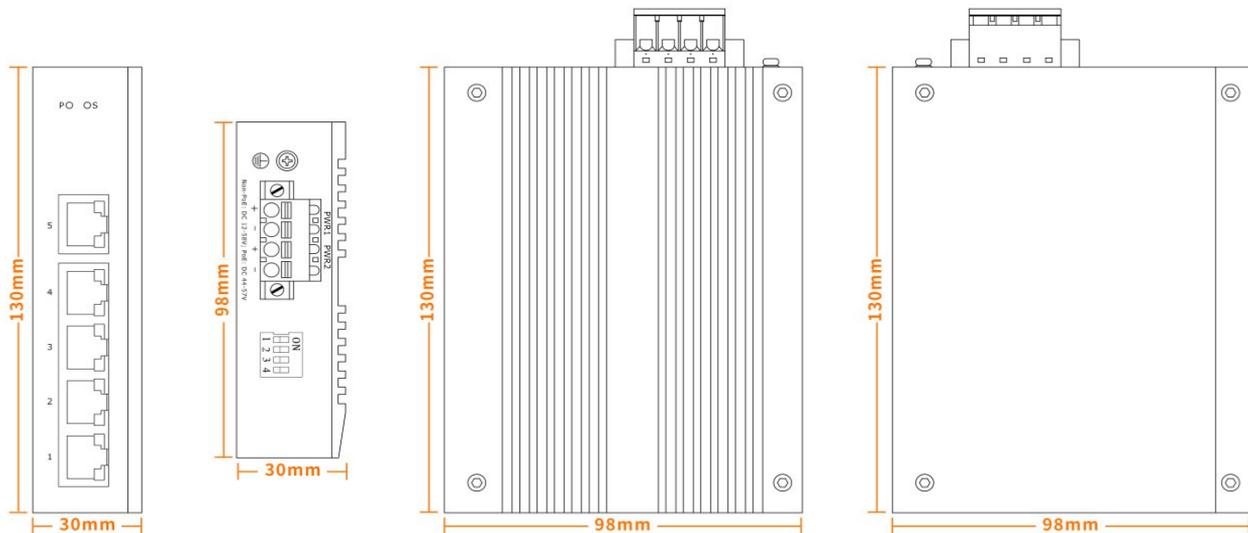
Technical Specification:

Interface	Fiber port	Ethernet (RJ45) port
	0	5
4*10/100/1000Base-TX RJ45 PoE ports, 1*10/100/1000Base-TX RJ45 uplink port		
Standard	IEEE 802.3 10Base-T Ethernet IEEE 802.3u Fast Ethernet IEEE 802.3ab Gigabit Ethernet IEEE 802.3x Full-Duplex Flow Control IEEE 802.3az Energy Efficient Ethernet IEEE 802.3af Power-Over-Ethernet (PoE) IEEE 802.3at Power Over Ethernet plus PSE (PoE+)	
DIP Switch	1). Port isolation 2). 250m extended reach 3). Quality of Service (QoS) 4). PoE watchdog	
LED Indicator	P (Power Indicator) Green	Off: Device power is off or a failure has occurred
		On: Device power is normal
	S (PoE Usage Indicator) Red	Off: Total PoE usage < rated 50%
		Blinking: Rated 50% < total PoE usage < rated 90%
		On: Total PoE usage ≥ rated 90%
1-4 (RJ45 Port)	Green Indicator	Yellow Indicator
	Off: Port link is inactive	Off: PoE not operational

		On: Port link is active	On: PoE operational
		Blinking: Data transmission on TX/RX	
	5 (RJ45 Port)	Green Indicator	Yellow Indicator
		Off: Port link is inactive	Off: port speed is 10/100M
		On: Port link is active	On: port speed is 1000M
Blinking: Data transmission on TX/RX			
Power Parameter			
Input voltage	44-57VDC (redundant power input)		
Input current	3A Max		
Total power consumption	Full load without PoE ≤5W PoE power budget ≤120W		
Connector	Removable 4-pin terminal block		
Reverse polarity protection	Supported		
Over-voltage protection	Supported		
Switching Feature			
Switching capacity	10.0 Gbps		
Packet forwarding rate	14.8 Mpps		
MAC address table	2K		
VLAN	4K		
Buffer	3M		
Forwarding delay	<10us		
Jumbo frame	10K bytes		
MDX/MIDX	Supported		
Watchdog	Supported		
Network Topology			
Star topology	Supported		
Bus topology	Supported		
Tree topology	Supported		
Mechanical Structure			
IP grade	IP40		
Installation method	DIN-Rail		

Dimension (W*D*H)	30*98*130 mm
Weight	0.55 kg
Operating Environment	Operating temperature: -40°C to 75°C Storage temperature: -40°C to 85°C Relative humidity: 5% to 95% (non-condensing)
Industrial Standard	Surge protection of power: IEC 61000-4-5 Level 3 (4kV/2kV, 8/20us) Surge protection of Ethernet port: IEC 61000-4-5 Level 3 (4kV/2kV, 10/700us) DIP: IEC 61000-4-11 Level 3 (10V) ESD: IEC 61000-4-2 Level 4 (8kV/15kV) Shock: IEC 60068-2-27 Free fall: IEC 60068-2-32 Vibration: IEC 60068-2-6
Certification	CE, FCC, RoHS
Warranty	5 years

Structure Diagram:



Order Information:

Model No.	Description
LV-IPS0005G	Unmanaged industrial PoE switch, 4* 10/100/1000Base-TX PoE ports and 1* 10/100/1000Base-TX RJ45 uplink port, Compliant with IEEE 802.3af/at standard, DIN-Rail, 44-57VDC, -40 to 75°C operating temperature

LV-IPS0008G Series

8* 10/100/1000Base-TX Unmanaged
Industrial PoE Switch



IP40



-40°C +75°C



Fanless



5 Year
Warranty



1000
Mbps



15.4W
PoE



30.0W
PoE+



Features:

- 8* 10/100/1000Base-TX RJ45 PoE ports.
- Supports 44-57VDC input, redundant power supply with reverse polarity and over-voltage protection.
- Compliant with IEEE 802.3af PoE and IEEE 802.3at PoE+ standards.
- DIP switch functions: 1). Port isolation, 2). 250m extended reach, 3). Quality of Service (QoS), 4). PoE watchdog.
- IP40-rated fan-less aluminum alloy housing with DIN-Rail hardware design.
- Operating temperature range: -40°C to 75°C.

Overview:

The Linkvue LV-IPS0008G is an unmanaged industrial-grade PoE switch with 8-port 10/100/1000Base-TX RJ45 PoE. It complies with the IEEE 802.3af/at standard PoE protocol, with a maximum power consumption of up to 30W (PoE+) per port. It boasts features like port isolation, 250m extended reach, QoS, and a PoE watchdog function, all configurable via the DIP switch on the top panel.

The LV-IPS0008G series offers a cost-effective and user-friendly solution, delivering vital industrial Ethernet networking functions. This includes a wide power input range of 44-57VDC, redundant power design with safeguards against polarity reversal and over-voltage, a sturdy fan-less IP40 compact housing suitable for DIN-Rail installation. It operates effectively in a wide temperature range from -40°C to 75°C and excels in high-level EMI/EMC performance. These switches are designed for challenging environments such as heavy industrial factories, transportation, oil & gas facilities, chemicals, IP surveillance, and process automation, these switches

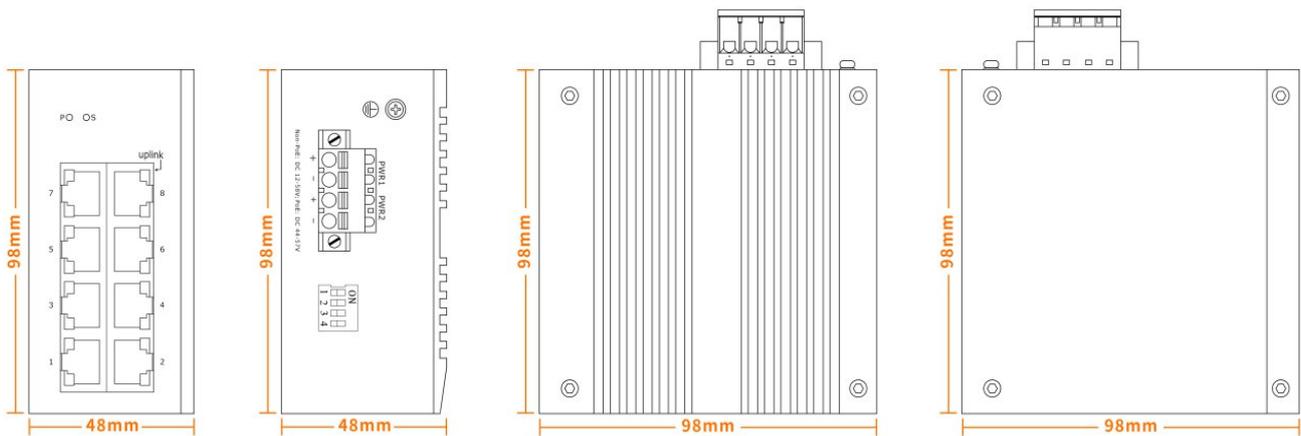
exceed standard commercial product specifications.

Technical Specification:

Interface	Fiber port	Ethernet (RJ45) port	
		0	8
	8* 10/100/1000Base-TX RJ45 PoE ports		
Standard	IEEE 802.3 10Base-T Ethernet IEEE 802.3u Fast Ethernet IEEE 802.3ab Gigabit Ethernet IEEE 802.3x Full-Duplex Flow Control IEEE 802.3az Energy Efficient Ethernet IEEE 802.3af Power-Over-Ethernet (PoE) IEEE 802.3at Power Over Ethernet plus PSE (PoE+)		
DIP Switch	1). Port isolation 2). 250m extended reach 3). Quality of Service (QoS) 4). PoE watchdog		
LED Indicator	P (Power Indicator) Green	Off: Device power is off or a failure has occurred	
		On: Device power is normal	
	S (PoE Usage Indicator) Red	Off: Total PoE usage < rated 50%	
		Blinking: Rated 50% < total PoE usage < rated 90%	
		On: Total PoE usage ≥ rated 90%	
	1-8 (RJ45 Port)	Green Indicator	Yellow Indicator
		Off: Port link is inactive	Off: PoE not operational
On: Port link is active		On: PoE operational	
Blinking: Data transmission on TX/RX			
Power Parameter			
Input voltage	44-57VDC (redundant power input)		
Input current	5.6A Max		
Total power consumption	Full load without PoE ≤5W PoE power budget ≤240W		
Connector	Removable 4-pin terminal block		
Reverse polarity protection	Supported		
Over-voltage protection	Supported		

Switching Feature	
Switching capacity	16.0 Gbps
Packet forwarding rate	23.8 Mpps
MAC address table	16K
VLAN	4K
Buffer	2M
Forwarding delay	<10us
Jumbo frame	10K bytes
MDX/MIDX	Supported
Watchdog	Supported
Network Topology	
Star topology	Supported
Bus topology	Supported
Tree topology	Supported
Mechanical Structure	
IP grade	IP40
Installation method	DIN-Rail
Dimension (W*D*H)	48*98*98 mm
Weight	0.6 kg
Operating Environment	Operating temperature: -40°C to 75°C Storage temperature: -40°C to 85°C Relative humidity: 5% to 95% (non-condensing)
Industrial Standard	Surge protection of power: IEC 61000-4-5 Level 3 (4kV/2kV, 8/20us) Surge protection of Ethernet port: IEC 61000-4-5 Level 3 (4kV/2kV, 10/700us) DIP: IEC 61000-4-11 Level 3 (10V) ESD: IEC 61000-4-2 Level 4 (8kV/15kV) Shock: IEC 60068-2-27 Free fall: IEC 60068-2-32 Vibration: IEC 60068-2-6
Certification	CE, FCC, RoHS
Warranty	5 years

Structure Diagram:



Order Information:

Model No.	Description
LV-IPS0008G	Unmanaged industrial PoE switch, 8* 10/100/1000Base-TX PoE ports, Compliant with IEEE 802.3af/at standard, DIN-Rail, 44-57VDC, -40 to 75°C operating temperature

LV-IPS0016G Series

16* 10/100/1000Base-TX
Unmanaged Industrial PoE Switch



IP40



Features:

- 16* 10/100/1000Base-TX RJ45 PoE ports.
- Supports 44-57VDC input, redundant power supply with reverse polarity and over-voltage protection.
- Equipped with a single output relay alarm (terminal block pins 5/6) to indicate DC power failure.
- Compliant with IEEE 802.3af PoE and IEEE 802.3at PoE+ standards.

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- DIP switch functions: 1). Port isolation, 2). 250m extended reach, 3). Quality of Service (QoS), 4). PoE watchdog.
- IP40-rated fan-less aluminum alloy housing with DIN-Rail hardware design.
- Operating temperature range: -40°C to 75°C.

Overview:

The Linkvue LV-IPS02G08F is an unmanaged industrial-grade PoE switch with 16-port 10/100/1000Base-TX RJ45 PoE. It complies with the IEEE 802.3af/at standard PoE protocol, with a maximum power consumption of up to 30W (PoE+) per port. It boasts features like port isolation, 250m extended reach, QoS, and a PoE watchdog function, all configurable via the DIP switch on the top panel.

The LV-IPS02G08F series offers a cost-effective and user-friendly solution, delivering vital industrial Ethernet networking functions. This includes a wide power input range of 44-57VDC, redundant power design with safeguards against polarity reversal and over-voltage, a sturdy fan-less IP40 compact housing suitable for DIN-Rail installation. It operates effectively in a wide temperature range from -40°C to 75°C and excels in high-level EMI/EMC performance. These switches are designed for challenging environments such as heavy industrial factories, transportation, oil & gas facilities, chemicals, IP surveillance, and process automation, these switches exceed standard commercial product specifications.

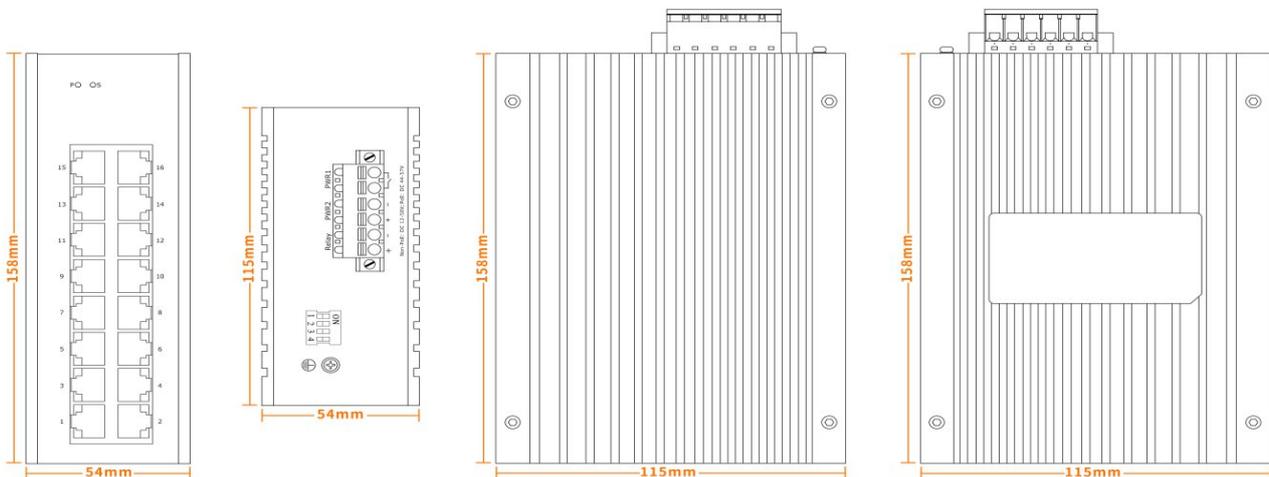
Technical Specification:

Interface	Fiber port	Ethernet (RJ45) port
	0	16
	16 * 10/100/1000Base-TX RJ45 PoE ports	
Alarm Port	A single relay output is provided for power failure indication, the alarm relay can handle a current of 1A @ 24VDC	
Standard	IEEE 802.3 10Base-T Ethernet IEEE 802.3u Fast Ethernet IEEE 802.3ab Gigabit Ethernet IEEE 802.3x Full-Duplex Flow Control IEEE 802.3az Energy Efficient Ethernet IEEE 802.3af Power-Over-Ethernet (PoE) IEEE 802.3at Power Over Ethernet plus PSE (PoE+)	
DIP Switch	1). Port isolation 2). 250m extended reach 3). Quality of Service (QoS) 4). PoE watchdog	

LED Indicator	P (Power Indicator) Green	Off: Device power is off or a failure has occurred	
		On: Device power is normal	
	S (PoE Usage Indicator) Red	Off: Total PoE usage < rated 50%	
		Blinking: Rated 50% < total PoE usage < rated 90%	
		On: Total PoE usage ≥ rated 90%	
	1-16 (RJ45 Port)	Green Indicator	Yellow Indicator
		Off: Port link is inactive	Off: PoE not operational
On: Port link is active		On: PoE operational	
Blinking: Data transmission on TX/RX			
Power Parameter			
Input voltage	44-57VDC (redundant power input)		
Input current	5.6A Max		
Total power consumption	Full load without PoE ≤8W PoE power budget ≤240W		
Connector	Removable 6-pin terminal block with Pin 5-6 for relay alarm output		
Reverse polarity protection	Supported		
Over-voltage protection	Supported		
Switching Feature			
Switching capacity	32.0 Gbps		
Packet forwarding rate	47.6 Mpps		
MAC address table	8K		
VLAN	4K		
Buffer	2M		
Forwarding delay	<10us		
Jumbo frame	10K bytes		
MDX/MIDX	Supported		
Watchdog	Supported		
Network Topology			
Star topology	Supported		
Bus topology	Supported		

Tree topology	Supported
Mechanical Structure	
IP grade	IP40
Installation method	DIN-Rail
Dimension (W*D*H)	54*115*158mm
Weight	1.35 kg
Operating Environment	Operating temperature: -40°C to 75°C Storage temperature: -40°C to 85°C Relative humidity: 5% to 95% (non-condensing)
Industrial Standard	EMI: FCC Part 15B Class A Surge protection of power: IEC 61000-4-5 6kV/4kV (8/20us) Surge protection of Ethernet port: IEC 61000-4-5 6kV/2kV (10/700us) RS: IEC 61000-4-3 80 MHz-1 GHz: 10V/m EFT: IEC 61000-4-4, power interface: 4kV, Ethernet port: 2kV CS: IEC 61000-4-6 10V ESD: IEC 61000-4-2 Level 4 (8kV/15kV) Shock: IEC 60068-2-27 Free fall: IEC 60068-2-32 Vibration: IEC 60068-2-6
Certification	CE, FCC, RoHS
Warranty	5 years

Structure Diagram:



Order Information:

Model No.	Description
LV-IPS0016G	Unmanaged industrial PoE switch, 16*10/100/1000Base-TX PoE ports, Compliant with IEEE 802.3af/at standard, DIN-Rail, 44-57VDC, -40 to 75°C operating temperature

LV-IPS0104G Series

4 * 10/100/1000Base-TX to 1 * 1000Base-FX
Unmanaged Industrial PoE Switch



Features:

- 4 * 10/100/1000Base-TX RJ45 PoE ports.
- 1 * 1000Base-FX SC/SFP fiber port (FC or ST optional).
- Supports 44-57VDC input, redundant power supply with reverse polarity and over-voltage protection.
- Compliant with IEEE 802.3af PoE and IEEE 802.3at PoE+ standards.
- DIP switch functions: 1). Port isolation, 2). 250m extended reach, 3). Quality of Service (QoS), 4). PoE watchdog.
- IP40-rated fan-less aluminum alloy housing with DIN-Rail hardware design.
- Operating temperature range: -40°C to 75°C.

Overview:

The Linkvue LV-IPS0104G is an unmanaged industrial-grade PoE switch with 4-port 10/100/1000Base-TX RJ45 PoE and 1-port 1000Base-FX SC/SFP (FC or ST optional) fiber optical interface. It complies with the IEEE 802.3af/at standard PoE protocol, with a maximum power consumption of up to 30W (PoE+) per port. It boasts features like port isolation, 250m extended reach, QoS, and a PoE watchdog function, all configurable via the DIP switch on the top panel.

The LV-IPS0104G series offers a cost-effective and user-friendly solution, delivering vital industrial Ethernet networking functions. This includes a wide power input range of 44-57VDC, redundant power design with safeguards against polarity reversal and over-voltage, a sturdy fan-less IP40 compact housing suitable for DIN-Rail installation. It operates effectively in a wide temperature range from -40°C to 75°C and excels in high-level EMI/EMC performance. These switches are designed for challenging environments such as heavy industrial factories, transportation, oil & gas facilities, chemicals, IP surveillance, and process automation, these switches exceed standard commercial product specifications.

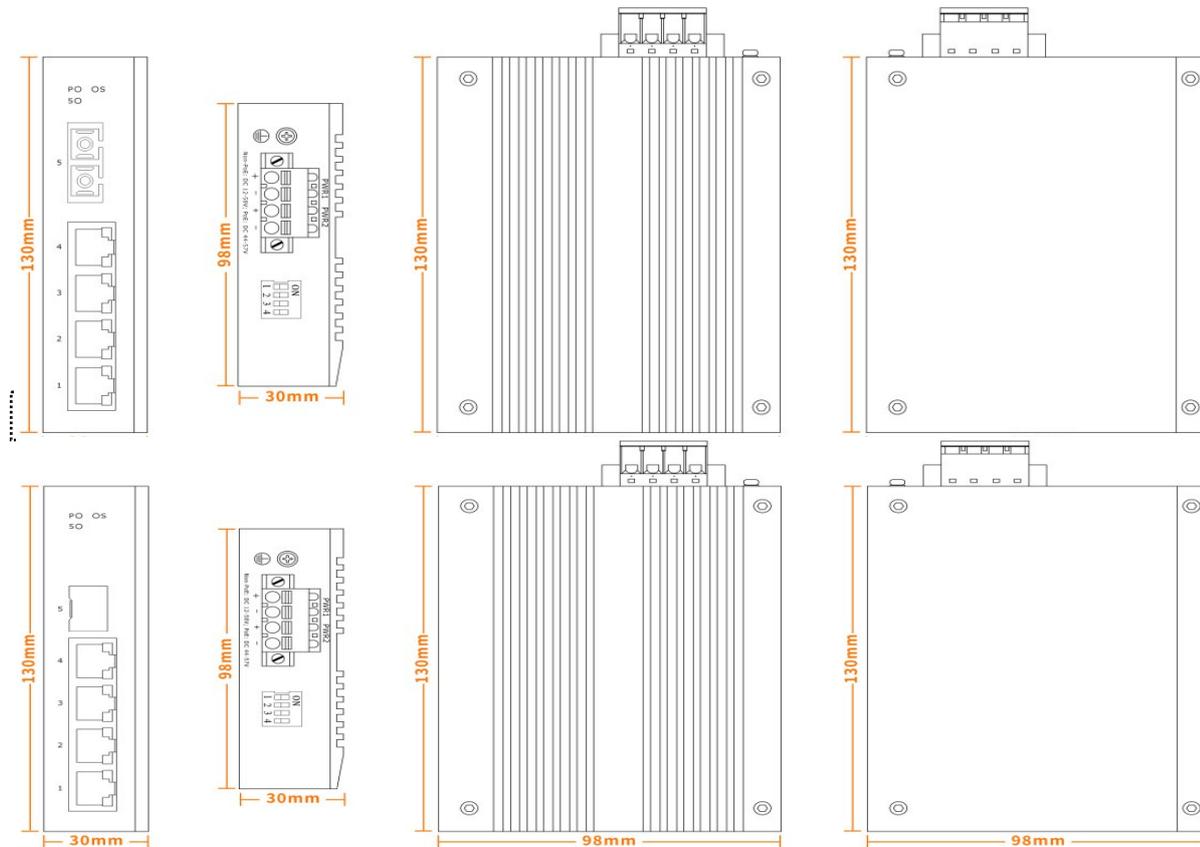
Technical Specification:

Interface	Fiber port	Ethernet (RJ45) port	
		1	4
	4* 10/100/1000Base-TX RJ45 PoE ports 1* 1000Base-FX SC/SFP fiber port (FC or ST optional)		
Standard	IEEE 802.3 10Base-T Ethernet IEEE 802.3u Fast Ethernet IEEE 802.3ab Gigabit Ethernet IEEE 802.3x Full-Duplex Flow Control IEEE 802.3az Energy Efficient Ethernet IEEE 802.3af Power-Over-Ethernet (PoE) IEEE 802.3at Power Over Ethernet plus PSE (PoE+)		
DIP Switch	1). Port isolation 2). 250m extended reach 3). Quality of Service (QoS) 4). PoE watchdog		
LED Indicator	P (Power Indicator) Green	Off: Device power is off or a failure has occurred	
		On: Device power is normal	
	S (PoE Usage Indicator) Red	Off: Total PoE usage < rated 50%	
		Blinking: Rated 50% < total PoE usage < rated 90%	
		On: Total PoE usage ≥ rated 90%	
	1-4 (RJ45 Port)	Green Indicator	Yellow Indicator
		Off: Port link is inactive	Off: PoE not operational
		On: Port link is active	On: PoE operational
	Blinking: Data transmission on TX/RX		
	5 (Fiber Port) Green	Off: Port link is inactive	
On: Port link is active			
Blinking: Data transmission on TX/RX			
Power Parameter			
Input voltage	44-57VDC (redundant power input)		
Input current	3A Max		
Total power consumption	Full load without PoE ≤5W PoE power budget ≤120W		
Connector	Removable 4-pin terminal block		
Reverse polarity protection	Supported		

Over-voltage protection	Supported
Switching Feature	
Switching capacity	10.0 Gbps
Packet forwarding rate	14.8 Mpps
MAC address table	2K
VLAN	4K
Buffer	3M
Forwarding delay	<10us
Jumbo frame	10K bytes
MDX/MIDX	Supported
Watchdog	Supported
Network Topology	
Star topology	Supported
Bus topology	Supported
Tree topology	Supported
Mechanical Structure	
IP grade	IP40
Installation method	DIN-Rail
Dimension (W*D*H)	30*98*130 mm
Weight	0.55 kg
Operating Environment	Operating temperature: -40°C to 75°C Storage temperature: -40°C to 85°C Relative humidity: 5% to 95% (non-condensing)
Industrial Standard	Surge protection of power: IEC 61000-4-5 Level 3 (4kV/2kV, 8/20us) Surge protection of Ethernet port: IEC 61000-4-5 Level 3 (4kV/2kV, 10/700us) DIP: IEC 61000-4-11 Level 3 (10V) ESD: IEC 61000-4-2 Level 4 (8kV/15kV) Shock: IEC 60068-2-27 Free fall: IEC 60068-2-32 Vibration: IEC 60068-2-6
Certification	CE, FCC, RoHS
Warranty	5 years

Structure Diagram:

SC/FC/ST Interface



Order Information:

Model No.	Description
LV-IPS0104G-SFP	Unmanaged industrial PoE switch, 4*10/100/1000Base-TX PoE ports and 1*1000Base-X SFP slot, Compliant with IEEE 802.3af/at standard, DIN-Rail, 44-57VDC, -40 to 75°C operating temperature (The transmission distance of the fiber port depends on the SFP transceiver)
LV-IPS0104G-SC	Unmanaged industrial PoE switch, 4*10/100/1000Base-TX PoE ports and 1*1000Base-FX SC port, Compliant with IEEE 802.3af/at standard, Multi-mode/Single-mode, Dual-fiber/Single-fiber, 550m, 20/40/60/80/100/120Km optional, DIN-Rail, 44-57VDC, -40 to 75°C operating temperature
LV-IPS0104G-FC	Unmanaged industrial PoE switch, 4*10/100/1000Base-TX PoE ports and 1*1000Base-FX FC port, Compliant with IEEE 802.3af/at standard, Multi-mode/Single-mode, Dual-fiber/Single-fiber, 550m, 20/40/60/80/100/120Km optional, DIN-Rail, 44-57VDC, -40 to 75°C operating temperature
LV-IPS0104G-ST	Unmanaged industrial PoE switch, 4*10/100/1000Base-TX PoE ports and 1*1000Base-FX ST port, Compliant with IEEE 802.3af/at standard, Multi-mode/Single-mode, Dual-fiber/Single-fiber, 550m, 20/40/60/80/100/120Km optional, DIN-Rail, 44-57VDC, -40 to 75°C operating temperature

LV-IPS0105G Series

4*10/100/1000Base-TX to 1*1000Base-X and 1*10/100/1000Base-TX Industrial PoE Switch



IP40



Features:

- 4* 10/100/1000Base-TX RJ45 PoE ports.
- 1* 1000Base-X SFP slot and 1* 10/100/1000Base-TX RJ45 uplink port.
- Supports 44-57VDC input, redundant power supply with reverse polarity and over-voltage protection.
- Compliant with IEEE 802.3af PoE and IEEE 802.3at PoE+ standards.
- DIP switch functions: 1). Port isolation, 2). 250m extended reach, 3). Quality of Service (QoS), 4). PoE watchdog.
- IP40-rated fan-less aluminum alloy housing with DIN-Rail hardware design.
- Operating temperature range: -40°C to 75°C.

Overview:

The Linkvue LV-IPS0105G is an unmanaged industrial-grade PoE switch with 4-port 10/100/1000Base-TX RJ45 PoE, 1-port 1000Base-X SFP slot and 1-port 10/100/1000Base-TX RJ45 uplink. It complies with the IEEE 802.3af/at standard PoE protocol, with a maximum power consumption of up to 30W (PoE+) per port. It boasts features like port isolation, 250m extended reach, QoS, and a PoE watchdog function, all configurable via the DIP switch on the top panel.

The LV-IPS0105G series offers a cost-effective and user-friendly solution, delivering vital industrial Ethernet networking functions. This includes a wide power input range of 44-57VDC, redundant power design with safeguards against polarity reversal and over-voltage, a sturdy fan-less IP40 compact housing suitable for DIN-Rail installation. It operates effectively in a wide temperature range from -40°C to 75°C and excels in high-level EMI/EMC performance. These switches are designed for challenging environments such as heavy industrial factories, transportation, oil & gas facilities, chemicals, IP surveillance, and process automation, these switches exceed standard commercial product specifications.

Technical Specification:

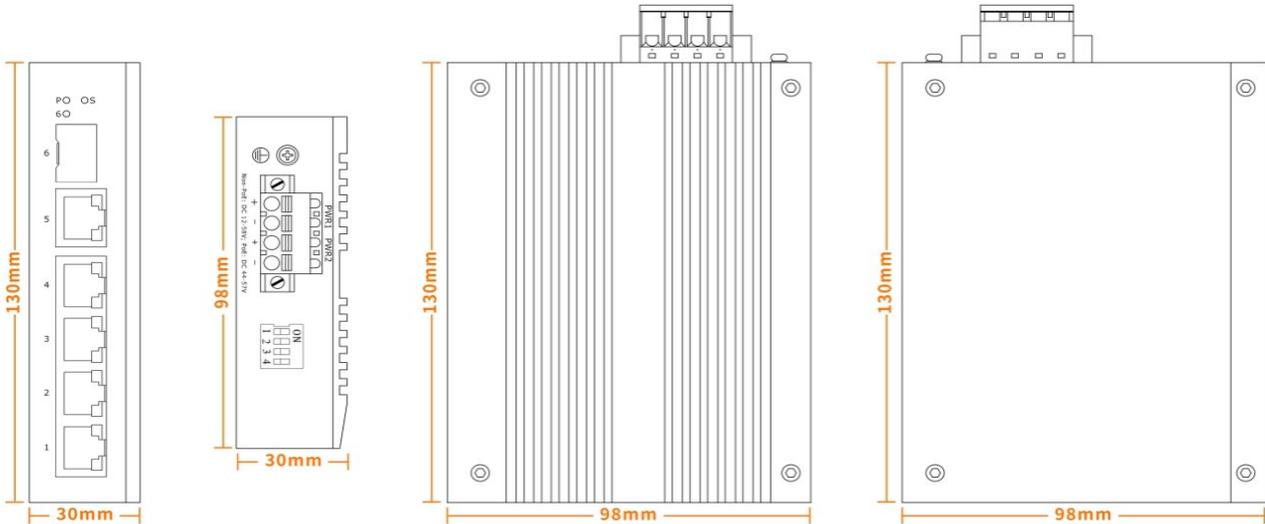
Interface	Fiber port	Ethernet (RJ45) port
		1
4* 10/100/1000Base-TX RJ45 PoE ports		

	1*1000Base-X SFP slot and 1*10/100/1000Base-TX RJ45 uplink port		
Standard	IEEE 802.3 10Base-T Ethernet IEEE 802.3u Fast Ethernet IEEE 802.3ab Gigabit Ethernet IEEE 802.3x Full-Duplex Flow Control IEEE 802.3az Energy Efficient Ethernet IEEE 802.3af Power-Over-Ethernet (PoE) IEEE 802.3at Power Over Ethernet plus PSE (PoE+)		
DIP Switch	1). Port isolation 2). 250m extended reach 3). Quality of Service (QoS) 4). PoE watchdog		
LED Indicator	P (Power Indicator) Green	Off: Device power is off or a failure has occurred	
		On: Device power is normal	
	S (PoE Usage Indicator) Red	Off: Total PoE usage < rated 50%	
		Blinking: Rated 50% < total PoE usage < rated 90%	
		On: Total PoE usage ≥ rated 90%	
	1-4 (RJ45 Port)	Green Indicator	Yellow Indicator
		Off: Port link is inactive	Off: PoE not operational
		On: Port link is active	On: PoE operational
		Blinking: Data transmission on TX/RX	
	5 (RJ45 Port)	Green Indicator	Yellow Indicator
		Off: Port link is inactive	Off: Port speed is 10/100M
		On: Port link is active	On: port on 1000M
		Blinking: Data transmission on TX/RX	
	6 (Fiber Port) Green	Off: Port link is inactive	
		On: Port link is active	
		Blinking: Data transmission on TX/RX	
Power Parameter			
Input voltage	44-57VDC (redundant power input)		
Input current	3A Max		
Total power consumption	Full load without PoE ≤5W PoE power budget ≤120W		
Connector	Removable 4-pin terminal block		

Reverse polarity protection	Supported
Over-voltage protection	Supported
Switching Feature	
Switching capacity	12.0 Gbps
Packet forwarding rate	17.8 Mpps
MAC address table	2K
VLAN	4K
Buffer	3M
Forwarding delay	<10us
Jumbo frame	10K bytes
MDX/MIDX	Supported
Watchdog	Supported
Network Topology	
Star topology	Supported
Bus topology	Supported
Tree topology	Supported
Mechanical Structure	
IP grade	IP40
Installation method	DIN-Rail
Dimension (W*D*H)	30*98*130 mm
Weight	0.55 kg
Operating Environment	Operating temperature: -40°C to 75°C Storage temperature: -40°C to 85°C Relative humidity: 5% to 95% (non-condensing)
Industrial Standard	Surge protection of power: IEC 61000-4-5 Level 3 (4kV/2kV, 8/20us) Surge protection of Ethernet port: IEC 61000-4-5 Level 3 (4kV/2kV, 10/700us) DIP: IEC 61000-4-11 Level 3 (10V) ESD: IEC 61000-4-2 Level 4 (8kV/15kV) Shock: IEC 60068-2-27 Free fall: IEC 60068-2-32 Vibration: IEC 60068-2-6
Certification	CE, FCC, RoHS

Warranty	5 years
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Structure Diagram:



Order Information:

Model No.	Description
LV-IPS0105G	Unmanaged industrial PoE switch, 4*10/100/1000Base-TX PoE ports, 1*1000Base-X SFP slot and 1*10/100/1000Base-TX RJ45 uplink port, Compliant with IEEE 802.3af/at standard, DIN-Rail, 44-57VDC, -40 to 75°C operating temperature (The transmission distance of the fiber port depends on the SFP transceiver)

LV-IPS0108G Series

8*10/100/1000Base-TX to 1*1000Base-FX
Unmanaged Industrial PoE Switch



Features:

- 8*10/100/1000Base-TX RJ45 PoE ports.



- 1*1000Base-FX SC/SFP fiber port (FC or ST optional).
- Supports 44-57VDC input, redundant power supply with reverse polarity and over-voltage protection.
- Compliant with IEEE 802.3af PoE and IEEE 802.3at PoE+ standards.
- DIP switch functions: 1). Port isolation, 2). 250m extended reach, 3). Quality of Service (QoS), 4). PoE watchdog.
- IP40-rated fan-less aluminum alloy housing with DIN-Rail hardware design.
- Operating temperature range: -40°C to 75°C.

Overview:

The Linkvue LV-IPS0108G is an unmanaged industrial-grade PoE switch with 8-port 10/100/1000Base-TX RJ45 PoE and 1-port 1000Base-FX SC/SFP (FC or ST optional) fiber optical interface. It complies with the IEEE 802.3af/at standard PoE protocol, with a maximum power consumption of up to 30W (PoE+) per port. It boasts features like port isolation, 250m extended reach, QoS, and a PoE watchdog function, all configurable via the DIP switch on the top panel.

The LV-IPS0108G series offers a cost-effective and user-friendly solution, delivering vital industrial Ethernet networking functions. This includes a wide power input range of 44-57VDC, redundant power design with safeguards against polarity reversal and over-voltage, a sturdy fan-less IP40 compact housing suitable for DIN-Rail installation. It operates effectively in a wide temperature range from -40°C to 75°C and excels in high-level EMI/EMC performance. These switches are designed for challenging environments such as heavy industrial factories, transportation, oil & gas facilities, chemicals, IP surveillance, and process automation, these switches exceed standard commercial product specifications.

Technical Specification:

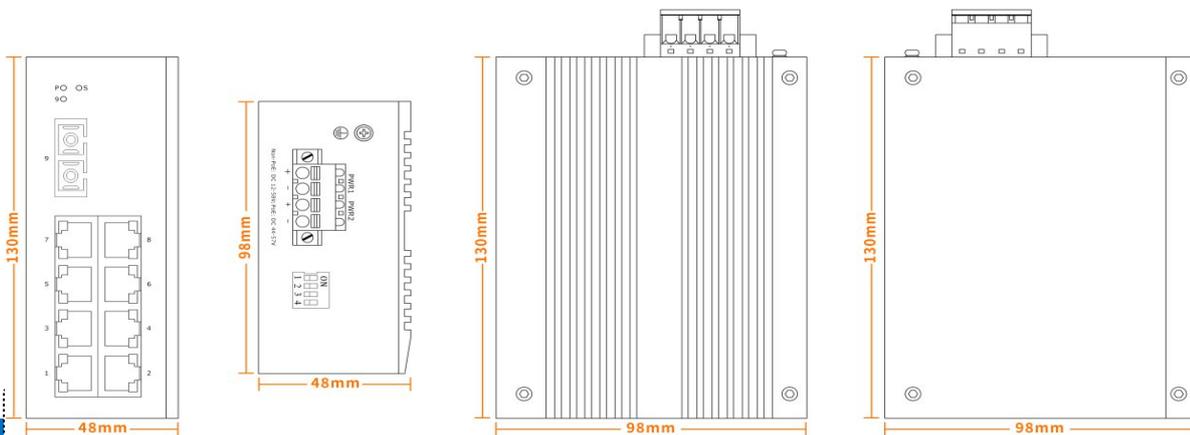
Interface	Fiber port	Ethernet (RJ45) port
		1
	8*10/100/1000Base-TX RJ45 PoE ports 1*1000Base-FX SC/SFP fiber port (FC or ST optional)	
Standard	IEEE 802.3 10Base-T Ethernet IEEE 802.3u Fast Ethernet IEEE 802.3ab Gigabit Ethernet IEEE 802.3x Full-Duplex Flow Control IEEE 802.3az Energy Efficient Ethernet IEEE 802.3af Power-Over-Ethernet (PoE)	

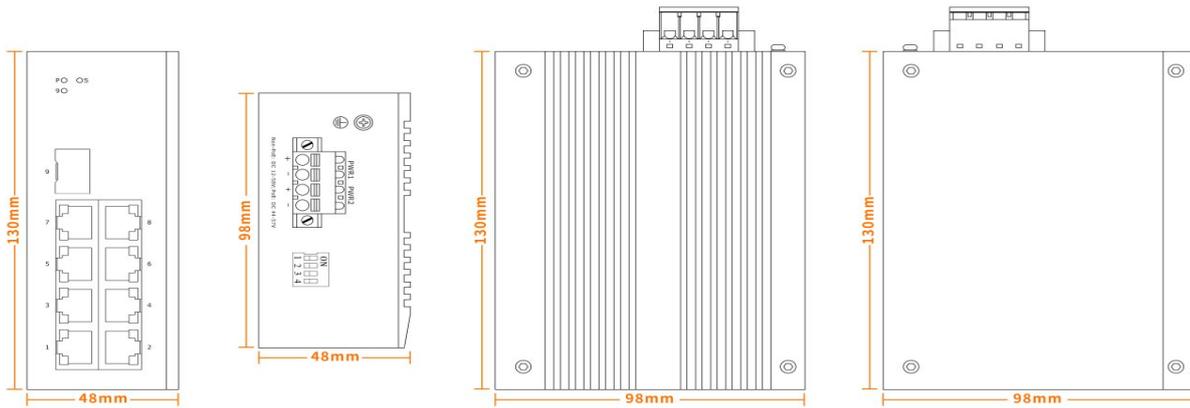
	IEEE 802.3at Power Over Ethernet plus PSE (PoE+)		
DIP Switch	1). Port isolation 2). 250m extended reach 3). Quality of Service (QoS) 4). PoE watchdog		
LED Indicator	P (Power Indicator) Green	Off: Device power is off or a failure has occurred	
		On: Device power is normal	
	S (PoE Usage Indicator) Red	Off: Total PoE usage < rated 50%	
		Blinking: Rated 50% < total PoE usage < rated 90%	
		On: Total PoE usage ≥ rated 90%	
	1-8 (RJ45 Port)	Green Indicator	Yellow Indicator
		Off: Port link is inactive	Off: PoE not operational
		On: Port link is active	On: PoE operational
		Blinking: Data transmission on TX/RX	
	9 (Fiber Port) Green	Off: Port link is inactive	
On: Port link is active			
Blinking: Data transmission on TX/RX			
Power Parameter			
Input voltage	44-57VDC (redundant power input)		
Input current	5.6A Max		
Total power consumption	Full load without PoE ≤6.5W PoE power budget ≤240W		
Connector	Removable 4-pin terminal block		
Reverse polarity protection	Supported		
Over-voltage protection	Supported		
Switching Feature			
Switching capacity	18.0 Gbps		
Packet forwarding rate	26.7 Mpps		
MAC address table	16K		
VLAN	4K		
Buffer	2M		
Forwarding delay	<10us		

Jumbo frame	10K bytes
MDX/MIDX	Supported
Watchdog	Supported
Network Topology	
Star topology	Supported
Bus topology	Supported
Tree topology	Supported
Mechanical Structure	
IP grade	IP40
Installation method	DIN-Rail
Dimension (W*D*H)	48*98*130 mm
Weight	0.7 kg
Operating Environment	Operating temperature: -40°C to 75°C Storage temperature: -40°C to 85°C Relative humidity: 5% to 95% (non-condensing)
Industrial Standard	Surge protection of power: IEC 61000-4-5 Level 3 (4kV/2kV, 8/20us) Surge protection of Ethernet port: IEC 61000-4-5 Level 3 (4kV/2kV, 10/700us) DIP: IEC 61000-4-11 Level 3 (10V) ESD: IEC 61000-4-2 Level 4 (8kV/15kV) Shock: IEC 60068-2-27 Free fall: IEC 60068-2-32 Vibration: IEC 60068-2-6
Certification	CE, FCC, RoHS
Warranty	5 years

Structure Diagram:

SC/FC/ST Interface





Order Information:

Model No.	Description
LV-IPS0108G-SFP	Unmanaged industrial PoE switch, 8*10/100/1000Base-TX PoE ports and 2*1000Base-X SFP ports, Compliant with IEEE 802.3af/at standard, Multi-mode/Single-mode, Dual-fiber/Single-fiber, 550m, 20/40/60/80/100/120Km optional, DIN-Rail, 44-57VDC, -40 to 75°C operating temperature
LV-IPS0108G-SC	Unmanaged industrial PoE switch, 8*10/100/1000Base-TX PoE ports and 2*1000Base-X SC ports, Compliant with IEEE 802.3af/at standard, Multi-mode/Single-mode, Dual-fiber/Single-fiber, 550m, 20/40/60/80/100/120Km optional, DIN-Rail, 44-57VDC, -40 to 75°C operating temperature
LV-IPS0108G-FC	Unmanaged industrial PoE switch, 8*10/100/1000Base-TX PoE ports and 1*1000Base-FX FC port, Compliant with IEEE 802.3af/at standard, Multi-mode/Single-mode, Dual-fiber/Single-fiber, 550m, 20/40/60/80/100/120Km optional, DIN-Rail, 44-57VDC, -40 to 75°C operating temperature
LV-IPS0108G-ST	Unmanaged industrial PoE switch, 8*10/100/1000Base-TX PoE ports and 1*1000Base-FX ST port, Compliant with IEEE 802.3af/at standard, Multi-mode/Single-mode, Dual-fiber/Single-fiber, 550m, 20/40/60/80/100/120Km optional, DIN-Rail, 44-57VDC, -40 to 75°C operating temperature

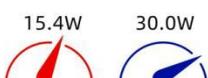
4 * 10/100/1000Base-TX to 2 * 1000Base-X Unmanaged Industrial PoE Switch

LV-IPS0204G Series



Features:

- 4*10/100/1000Base-TX RJ45 PoE ports.
- 2*1000Base-X SFP slots.
- Supports 44-57VDC input, redundant power supply with reverse polarity and over-voltage protection.
- Compliant with IEEE 802.3af PoE and IEEE 802.3at PoE+ standards.
- DIP switch functions: 1). Port isolation, 2). 250m



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extended reach, 3). Quality of Service (QoS), 4). PoE watchdog.

➤ IP40-rated fan-less aluminum alloy housing with DIN-Rail hardware design.

➤ Operating temperature range: -40°C to 75°C.

Overview:

The Linkvue LV-IPS0204G is an unmanaged industrial-grade PoE switch with 4-port 10/100/1000Base-TX RJ45 PoE and 2-port 1000Base-X SFP slot. It complies with the IEEE 802.3af/at standard PoE protocol, with a maximum power consumption of up to 30W (PoE+) per port. It boasts features like port isolation, 250m extended reach, QoS, and a PoE watchdog function, all configurable via the DIP switch on the top panel.

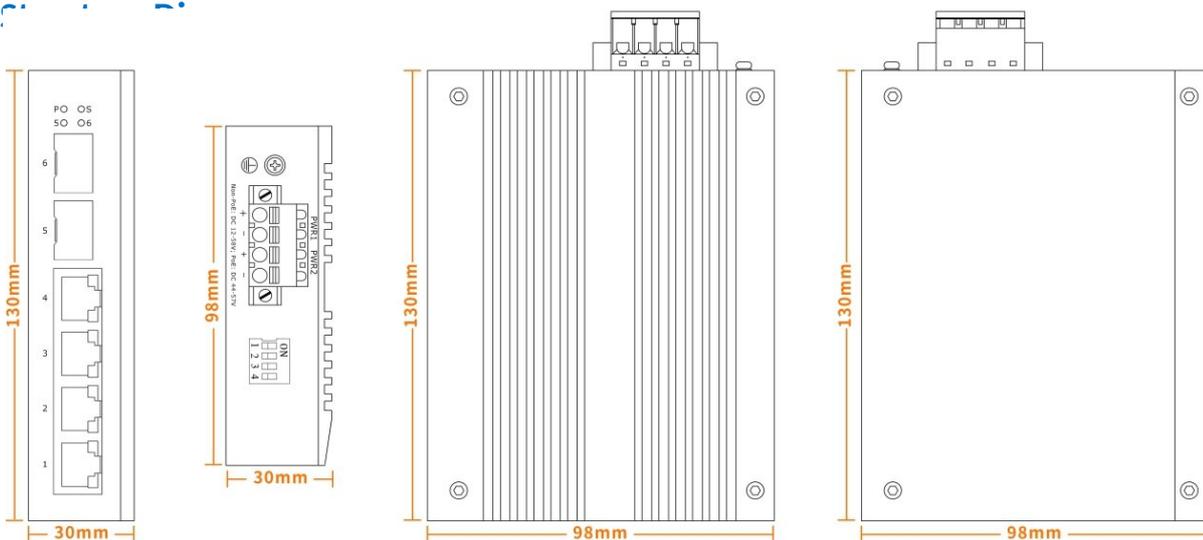
The LV-IPS0204G series offers a cost-effective and user-friendly solution, delivering vital industrial Ethernet networking functions. This includes a wide power input range of 44-57VDC, redundant power design with safeguards against polarity reversal and over-voltage, a sturdy fan-less IP40 compact housing suitable for DIN-Rail installation. It operates effectively in a wide temperature range from -40°C to 75°C and excels in high-level EMI/EMC performance. These switches are designed for challenging environments such as heavy industrial factories, transportation, oil & gas facilities, chemicals, IP surveillance, and process automation, these switches exceed standard commercial product specifications.

Technical Specification:

Interface	Fiber port	Ethernet (RJ45) port
	2	4
	4*10/100/1000Base-TX RJ45 PoE ports 2*1000Base-X SFP slots	
Standard	IEEE 802.3 10Base-T Ethernet IEEE 802.3u Fast Ethernet IEEE 802.3ab Gigabit Ethernet IEEE 802.3x Full-Duplex Flow Control IEEE 802.3az Energy Efficient Ethernet IEEE 802.3af Power-Over-Ethernet (PoE) IEEE 802.3at Power Over Ethernet plus PSE (PoE+)	
DIP Switch	1). Port isolation 2). 250m extended reach 3). Quality of Service (QoS) 4). PoE watchdog	
LED Indicator	P (Power Indicator) Green	Off: Device power is off or a failure has occurred

		On: Device power is normal	
	S (PoE Usage Indicator) Red	Off: Total PoE usage < rated 50%	
		Blinking: Rated 50% < total PoE usage < rated 90%	
		On: Total PoE usage ≥ rated 90%	
	1-4 (RJ45 Port)	Green Indicator	Yellow Indicator
		Off: Port link is inactive	Off: PoE not operational
		On: Port link is active	On: PoE operational
		Blinking: Data transmission on TX/RX	
	5-6 (Fiber Port) Green	Off: Port link is inactive	
		On: Port link is active	
Blinking: Data transmission on TX/RX			
Power Parameter			
Input voltage	44-57VDC (redundant power input)		
Input current	3A Max		
Total power consumption	Full load without PoE ≤5W PoE power budget ≤120W		
Connector	Removable 4-pin terminal block		
Reverse polarity protection	Supported		
Over-voltage protection	Supported		
Switching Feature			
Switching capacity	12.0 Gbps		
Packet forwarding rate	17.8 Mpps		
MAC address table	2K		
VLAN	4K		
Buffer	3M		
Forwarding delay	<10us		
Jumbo frame	10K bytes		
MDX/MIDX	Supported		
Watchdog	Supported		
Network Topology			

Star topology	Supported
Bus topology	Supported
Tree topology	Supported
Mechanical Structure	
IP grade	IP40
Installation method	DIN-Rail
Dimension (W*D*H)	30*98*130 mm
Weight	0.55 kg
Operating Environment	Operating temperature: -40°C to 75°C Storage temperature: -40°C to 85°C Relative humidity: 5% to 95% (non-condensing)
Industrial Standard	Surge protection of power: IEC 61000-4-5 Level 3 (4kV/2kV, 8/20us) Surge protection of Ethernet port: IEC 61000-4-5 Level 3 (4kV/2kV, 10/700us) DIP: IEC 61000-4-11 Level 3 (10V) ESD: IEC 61000-4-2 Level 4 (8kV/15kV) Shock: IEC 60068-2-27 Free fall: IEC 60068-2-32 Vibration: IEC 60068-2-6
Certification	CE, FCC, RoHS
Warranty	5 years



Order Information:

Model No.	Description
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LV-IPS0204G	Unmanaged industrial PoE switch, 4*10/100/1000Base-TX PoE ports and 2*1000Base-X SFP slots, Compliant with IEEE 802.3af/at standard, DIN-Rail, 44-57VDC, -40 to 75°C operating temperature (The transmission distance of the fiber port depends on the SFP transceiver)
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LV-IPS0208G Series

8 * 10/100/1000Base-TX to 2 * 1000Base-FX Unmanaged Industrial PoE Switch



Features:

- 8*10/100/1000Base-TX RJ45 PoE ports.
- 2*1000Base-FX SC/SFP fiber ports (FC or ST optional).
- Supports 44-57VDC input, redundant power supply with reverse polarity and over-voltage protection.
- Compliant with IEEE 802.3af PoE and IEEE 802.3at PoE+ standards.
- DIP switch functions: 1). Port isolation, 2). 250m extended reach, 3). Quality of Service (QoS), 4). PoE watchdog.
- IP40-rated fan-less aluminum alloy housing with DIN-Rail hardware design.
- Operating temperature range: -40°C to 75°C.

Overview:

The Linkvue LV-IPS0208G is an unmanaged industrial-grade PoE switch with 8-port 10/100/1000Base-TX RJ45 PoE and 2-port 1000Base-FX SC/SFP (FC or ST optional) fiber optical interface. It complies with the IEEE 802.3af/at standard PoE protocol, with a maximum power consumption of up to 30W (PoE+) per port. It boasts features like port isolation, 250m extended reach, QoS, and a PoE watchdog function, all configurable via the DIP switch on the

top panel.

The LV-IPS0208G series offers a cost-effective and user-friendly solution, delivering vital industrial Ethernet networking functions. This includes a wide power input range of 44-57VDC, redundant power design with safeguards against polarity reversal and over-voltage, a sturdy fan-less IP40 compact housing suitable for DIN-Rail installation. It operates effectively in a wide temperature range from -40°C to 75°C and excels in high-level EMI/EMC performance. These switches are designed for challenging environments such as heavy industrial factories, transportation, oil & gas facilities, chemicals, IP surveillance, and process automation, these switches exceed standard commercial product specifications.

Technical Specification:

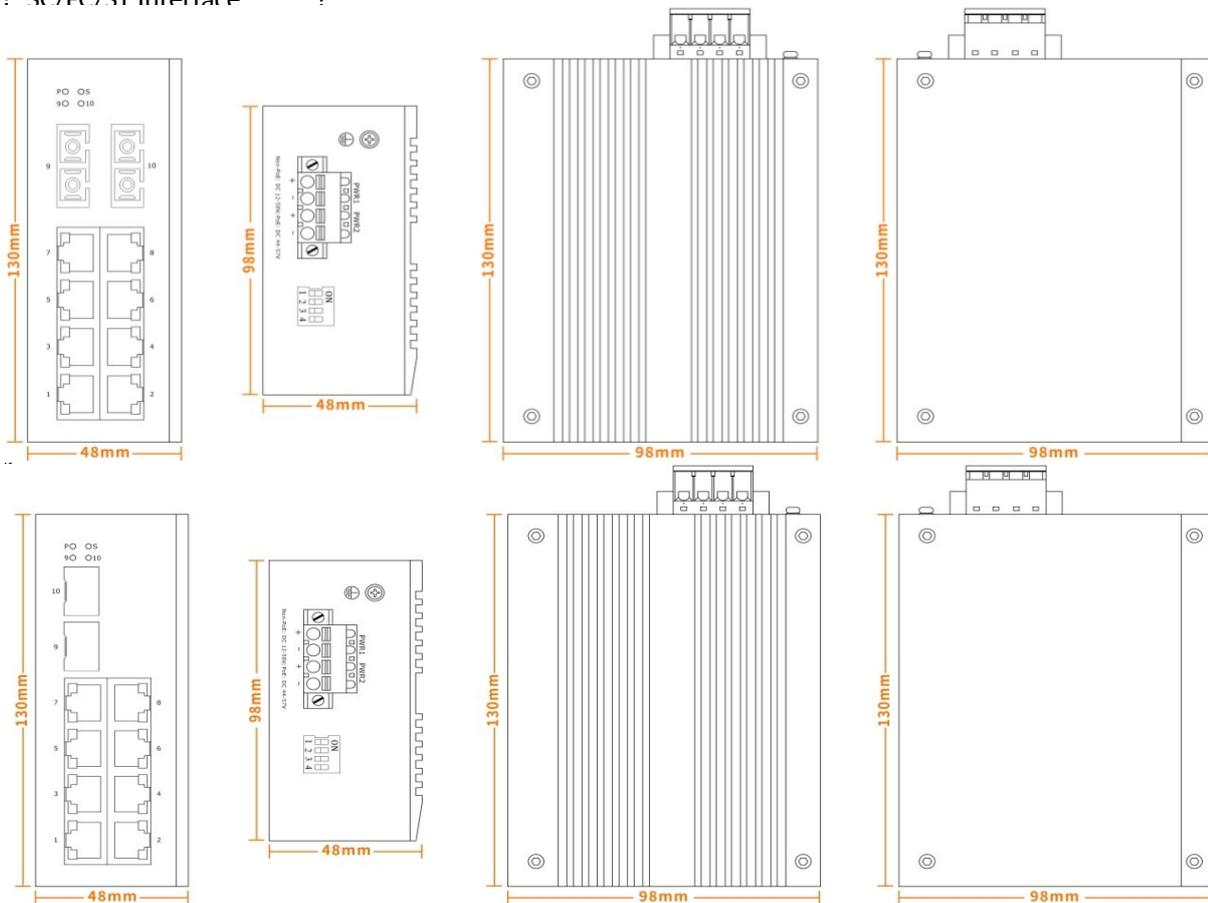
Interface	Fiber port	Ethernet (RJ45) port	
		2	8
	8* 10/100/1000Base-TX RJ45 PoE ports 2* 1000Base-FX SC/SFP fiber ports (FC or ST optional)		
Standard	IEEE 802.3 10Base-T Ethernet IEEE 802.3u Fast Ethernet IEEE 802.3ab Gigabit Ethernet IEEE 802.3x Full-Duplex Flow Control IEEE 802.3az Energy Efficient Ethernet IEEE 802.3af Power-Over-Ethernet (PoE) IEEE 802.3at Power Over Ethernet plus PSE (PoE+)		
DIP Switch	1). Port isolation 2). 250m extended reach 3). Quality of Service (QoS) 4). PoE watchdog		
LED Indicator	P (Power Indicator) Green	Off: Device power is off or a failure has occurred	
		On: Device power is normal	
	S (PoE Usage Indicator) Red	Off: Total PoE usage < rated 50%	
		Blinking: Rated 50% < total PoE usage < rated 90%	
		On: Total PoE usage ≥ rated 90%	
	1-8 (RJ45 Port)	Green Indicator	Yellow Indicator
		Off: Port link is inactive	Off: PoE not operational
		On: Port link is active	On: PoE operational
Blinking: Data transmission on TX/RX			
9-10 (Fiber Port) Green	Off: Port link is inactive		
	On: Port link is active		

	Blinking: Data transmission on TX/RX
Power Parameter	
Input voltage	44-57VDC (redundant power input)
Input current	5.6A Max
Total power consumption	Full load without PoE $\leq 7.5W$ PoE power budget $\leq 240W$
Connector	Removable 4-pin terminal block
Reverse polarity protection	Supported
Over-voltage protection	Supported
Switching Feature	
Switching capacity	20.0 Gbps
Packet forwarding rate	29.7 Mpps
MAC address table	16K
VLAN	4K
Buffer	2M
Forwarding delay	<10us
Jumbo frame	10K bytes
MDX/MIDX	Supported
Watchdog	Supported
Network Topology	
Star topology	Supported
Bus topology	Supported
Tree topology	Supported
Mechanical Structure	
IP grade	IP40
Installation method	DIN-Rail
Dimension (W*D*H)	48*98*130 mm
Weight	0.7 kg
Operating Environment	Operating temperature: -40°C to 75°C Storage temperature: -40°C to 85°C Relative humidity: 5% to 95% (non-condensing)

Industrial Standard	Surge protection of power: IEC 61000-4-5 Level 3 (4kV/2kV, 8/20us) Surge protection of Ethernet port: IEC 61000-4-5 Level 3 (4kV/2kV, 10/700us) DIP: IEC 61000-4-11 Level 3 (10V) ESD: IEC 61000-4-2 Level 4 (8kV/15kV) Shock: IEC 60068-2-27 Free fall: IEC 60068-2-32 Vibration: IEC 60068-2-6
Certification	CE, FCC, RoHS
Warranty	5 years

Structure Diagram:

SC/EC/ST Interface



Order Information:

Model No.	Description
LV-IPS0208G-SFP	Unmanaged industrial PoE switch, 8*10/100/1000Base-TX PoE ports and 2*1000Base-X SFP slots, Compliant with IEEE 802.3af/at standard, DIN-Rail, 44-57VDC, -40 to 75°C operating temperature (The transmission distance of the fiber port depends on the SFP transceiver)
LV-IPS0208G-SC	Unmanaged industrial PoE switch, 8*10/100/1000Base-TX PoE ports and 2*1000Base-FX SC ports, Compliant with IEEE 802.3af/at standard, Multi-mode/Single-mode, Dual-fiber/Single-fiber, 550m, 20/40/60/80/100/120Km optional, DIN-Rail, 44-57VDC, -40 to 75°C operating temperature

LV-IPS0208G-FC	Unmanaged industrial PoE switch, 8*10/100/1000Base-TX PoE ports and 2*1000Base-FX FC ports, Compliant with IEEE 802.3af/at standard, Multi-mode/Single-mode, Dual-fiber/Single-fiber, 550m, 20/40/60/80/100/120Km optional, DIN-Rail, 44-57VDC, -40 to 75°C operating temperature
LV-IPS0208G-ST	Unmanaged industrial PoE switch, 8*10/100/1000Base-TX PoE ports and 2*1000Base-FX ST ports, Compliant with IEEE 802.3af/at standard, Multi-mode/Single-mode, Dual-fiber/Single-fiber, 550m, 20/40/60/80/100/120Km optional, DIN-Rail, 44-57VDC, -40 to 75°C operating temperature

LV-IPS0408G Series

8*10/100/1000Base-TX to 4*1000Base-X Unmanaged Industrial PoE Switch



IP40



Features:

- 8*10/100/1000Base-TX RJ45 PoE ports.
- 4*1000Base-X SFP slots.
- Supports 44-57VDC input, redundant power supply with reverse polarity and over-voltage protection.
- Equipped with a single output relay alarm (terminal block pins 5/6) to indicate DC power failure.
- Compliant with IEEE 802.3af PoE and IEEE 802.3at PoE+ standards.
- DIP switch functions: 1). Link aggregation, 2). 250m extended reach, 3). Quality of Service (QoS), 4). PoE watchdog.
- IP40-rated fan-less aluminum alloy housing with DIN-Rail hardware design.
- Operating temperature range: -40°C to 75°C.

Overview:

The Linkvue LV-IPS0408G is an unmanaged industrial-grade PoE switch with 8-port 10/100/1000Base-TX RJ45 PoE and 4-port 1000Base-X SFP slot. It complies with the IEEE 802.3af/at standard PoE protocol, with a maximum power consumption of up to 30W (PoE+) per port. It boasts features like link aggregation, 250m extended reach, QoS, and a PoE watchdog function, all configurable via the DIP switch on the top panel.

The LV-IPS0408G series offers a cost-effective and user-friendly solution, delivering vital industrial Ethernet networking functions. This includes a wide power input range of 44-57VDC, redundant power design with

safeguards against polarity reversal and over-voltage, a sturdy fan-less IP40 compact housing suitable for DIN-Rail installation. It operates effectively in a wide temperature range from -40°C to 75°C and excels in high-level EMI/EMC performance. These switches are designed for challenging environments such as heavy industrial factories, transportation, oil & gas facilities, chemicals, IP surveillance, and process automation, these switches exceed standard commercial product specifications.

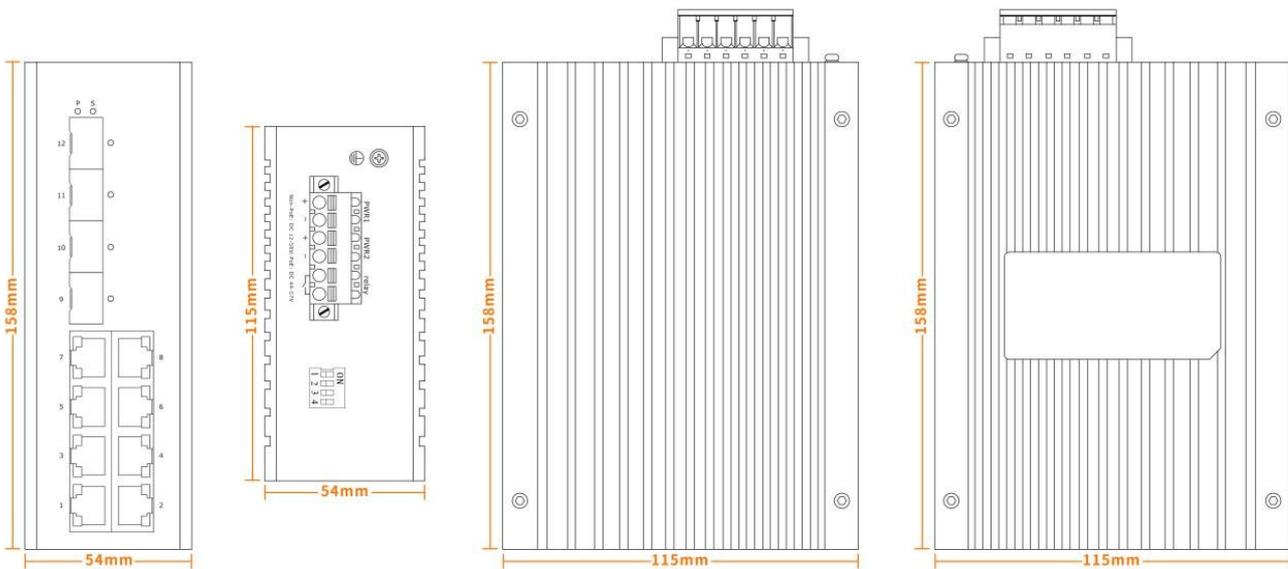
Technical Specification:

Interface	Fiber port	Ethernet (RJ45) port	
	4	8	
	8* 10/100/1000Base-TX RJ45 PoE ports 4* 1000Base-X SFP slots		
Alarm Port	A single relay output is provided for power failure indication, the alarm relay can handle a current of 1A @ 24VDC		
Standard	IEEE 802.3 10Base-T Ethernet IEEE 802.3u Fast Ethernet IEEE 802.3ab Gigabit Ethernet IEEE 802.3x Full-Duplex Flow Control IEEE 802.3az Energy Efficient Ethernet IEEE 802.3af Power-Over-Ethernet (PoE) IEEE 802.3at Power Over Ethernet plus PSE (PoE+)		
DIP Switch	1). Link aggregation 2). 250m extended reach 3). Quality of Service (QoS) 4). PoE watchdog		
LED Indicator	P (Power Indicator) Green	Off: Device power is off or a failure has occurred	
		On: Device power is normal	
	S (PoE Usage Indicator) Red	Off: Total PoE usage < rated 50%	
		Blinking: Rated 50% < total PoE usage < rated 90%	
		On: Total PoE usage ≥ rated 90%	
	1-8 (RJ45 Port)	Green Indicator	Yellow Indicator
		Off: Port link is inactive	Off: PoE not operational
		On: Port link is active	On: PoE operational
		Blinking: Data transmission on TX/RX	
	9-12 (Fiber Port) Green	Off: Port link is inactive	
On: Port link is active			
Blinking: Data transmission on TX/RX			

Power Parameter	
Input voltage	44-57VDC (redundant power input)
Input current	5.6A Max
Total power consumption	Full load without PoE \leq 7.5W PoE power budget \leq 240W
Connector	Removable 6-pin terminal block with Pin 5-6 for relay alarm output
Reverse polarity protection	Supported
Over-voltage protection	Supported
Switching Feature	
Switching capacity	24.0 Gbps
Packet forwarding rate	35.7 Mpps
MAC address table	8K
VLAN	4K
Buffer	2M
Forwarding delay	<10us
Jumbo frame	10K bytes
MDX/MIDX	Supported
Watchdog	Supported
Network Topology	
Star topology	Supported
Bus topology	Supported
Tree topology	Supported
Mechanical Structure	
IP grade	IP40
Installation method	DIN-Rail
Dimension (W*D*H)	54*115*158 mm
Weight	1.2 kg
Operating Environment	Operating temperature: -40°C to 75°C Storage temperature: -40°C to 85°C Relative humidity: 5% to 95% (non-condensing)
Industrial Standard	EMI: FCC Part 15B Class A

	<p>Surge protection of power: IEC 61000-4-5 6kV/4kV (8/20us)</p> <p>Surge protection of Ethernet port: IEC 61000-4-5 6kV/2kV (10/700us)</p> <p>RS: IEC 61000-4-3 80 MHz-1 GHz: 10V/m</p> <p>EFT: IEC 61000-4-4, power interface: 4kV, Ethernet port: 2kV</p> <p>CS: IEC 61000-4-6 10V</p> <p>ESD: IEC 61000-4-2 Level 4 (8kV/15kV)</p> <p>Shock: IEC 60068-2-27</p> <p>Free fall: IEC 60068-2-32</p> <p>Vibration: IEC 60068-2-6</p>
Certification	CE, FCC, RoHS
Warranty	5 years

Structure Diagram:



Order Information:

Model No.	Description
LV-IPS0408G	Unmanaged industrial PoE switch, 8*10/100/1000Base-TX PoE ports and 4*1000Base-X SFP slots, Compliant with IEEE 802.3af/at standard, DIN-Rail, 44-57VDC, -40 to 75°C operating temperature (The transmission distance of the fiber port depends on the SFP transceiver)

LV-IPS02G08F Series

8 * 10/100Base-TX to 2 * 1000Base-FX
Unmanaged Industrial PoE Switch



Features:

- 8 * 10/100Base-TX RJ45 PoE ports.
- 2 * 1000Base-FX SC/SFP fiber ports (FC or ST optional).
- Supports 44-57VDC input, redundant power supply with reverse polarity and over-voltage protection.
- Compliant with IEEE 802.3af PoE and IEEE 802.3at PoE+ standards.
- DIP switch functions: 1). Port isolation, 2). 250m extended reach, 3). Quality of Service (QoS), 4). PoE watchdog.
- IP40-rated fan-less aluminum alloy housing with DIN-Rail hardware design.
- Operating temperature range: -40°C to 75°C.

Overview:

The Linkvue LV-IPS02G08F is an unmanaged industrial-grade PoE switch with 8-port 10/100Base-TX RJ45 PoE and 2-port 1000Base-FX SC/SFP (FC or ST optional) fiber optical interface. It complies with the IEEE 802.3af/at standard PoE protocol, with a maximum power consumption of up to 30W (PoE+) per port. It boasts features like port isolation, 250m extended reach, QoS, and a PoE watchdog function, all configurable via the DIP switch on the top panel.

The LV-IPS02G08F series offers a cost-effective and user-friendly solution, delivering vital industrial Ethernet networking functions. This includes a wide power input range of 44-57VDC, redundant power design with safeguards against polarity reversal and over-voltage, a sturdy fan-less IP40 compact housing suitable for DIN-Rail installation. It operates effectively in a wide temperature range from -40°C to 75°C and excels in high-level EMI/EMC performance. These switches are designed for challenging environments such as heavy industrial factories, transportation, oil & gas facilities, chemicals, IP surveillance, and process automation, these switches

exceed standard commercial product specifications.

Technical Specification:

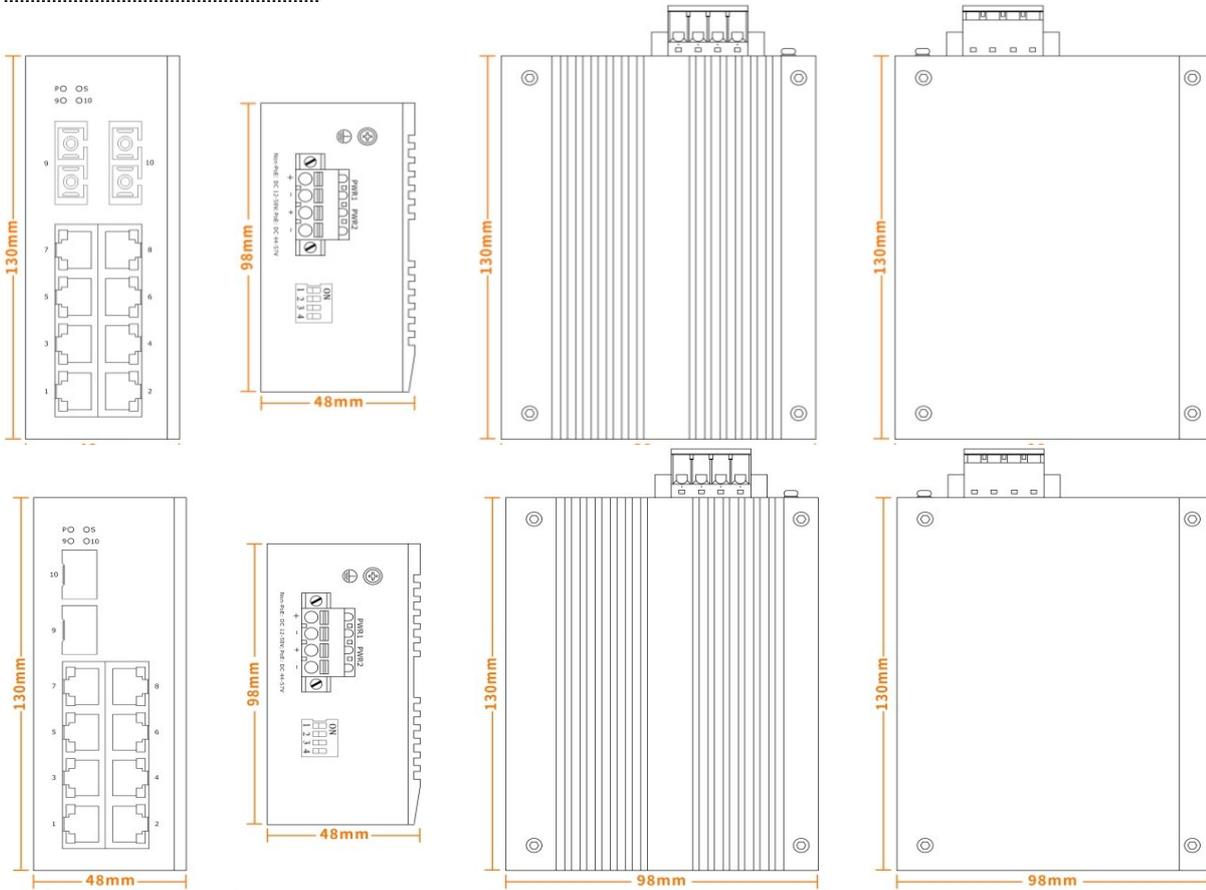
Interface	Fiber port	Ethernet (RJ45) port	
		2	8
	8* 10/100Base-TX RJ45 PoE ports 2* 1000Base-FX SC/SFP fiber ports (FC or ST optional)		
Standard	IEEE 802.3 10Base-T Ethernet IEEE 802.3u Fast Ethernet IEEE 802.3ab Gigabit Ethernet IEEE 802.3x Full-Duplex Flow Control IEEE 802.3az Energy Efficient Ethernet IEEE 802.3af Power-Over-Ethernet (PoE) IEEE 802.3at Power Over Ethernet plus PSE (PoE+)		
DIP Switch	1). Port isolation 2). 250m extended reach 3). Quality of Service (QoS) 4). PoE watchdog		
LED Indicator	P (Power Indicator) Green	Off: Device power is off or a failure has occurred	
		On: Device power is normal	
	S (PoE Usage Indicator) Red	Off: Total PoE usage < rated 50%	
		Blinking: Rated 50% < total PoE usage < rated 90%	
		On: Total PoE usage ≥ rated 90%	
	1-8 (RJ45 Port)	Green Indicator	Yellow Indicator
		Off: Port link is inactive	Off: PoE not operational
		On: Port link is active	On: PoE operational
		Blinking: Data transmission on TX/RX	
	9-10 (Fiber Port) Green	Off: Port link is inactive	
On: Port link is active			
Blinking: Data transmission on TX/RX			
Power Parameter			
Input voltage	44-57VDC (redundant power input)		
Input current	5.6A Max		
Total power consumption	Full load without PoE ≤6W PoE power budget ≤240W		
Connector	Removable 4-pin terminal block		

Reverse polarity protection	Supported
Over-voltage protection	Supported
Switching Feature	
Switching capacity	5.6 Gbps
Packet forwarding rate	4.166 Mpps
MAC address table	2K
VLAN	2K
Buffer	2M
Forwarding delay	<10us
Jumbo frame	10K bytes
MDX/MIDX	Supported
Watchdog	Supported
Network Topology	
Star topology	Supported
Bus topology	Supported
Tree topology	Supported
Mechanical Structure	
IP grade	IP40
Installation method	DIN-Rail
Dimension (W*D*H)	48*98*130 mm
Weight	0.7 kg
Operating Environment	Operating temperature: -40°C to 75°C Storage temperature: -40°C to 85°C Relative humidity: 5% to 95% (non-condensing)
Industrial Standard	Surge protection of power: IEC 61000-4-5 Level 3 (4kV/2kV, 8/20us) Surge protection of Ethernet port: IEC 61000-4-5 Level 3 (4kV/2kV, 10/700us) DIP: IEC 61000-4-11 Level 3 (10V) ESD: IEC 61000-4-2 Level 4 (8kV/15kV) Shock: IEC 60068-2-27 Free fall: IEC 60068-2-32 Vibration: IEC 60068-2-6
Certification	CE, FCC, RoHS

Warranty	5 years
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Structure Diagram:

SC/FC/ST Interface



Order Information:

Model No.	Description
LV-IPS02G08 F-SFP	Unmanaged industrial PoE switch, 8* 10/100Base-TX PoE ports and 2*1000Base-X SFP slots, Compliant with IEEE 802.3af/at standard, DIN-Rail, 44-57VDC, -40 to 75°C operating temperature (The transmission distance of the fiber port depends on the SFP transceiver)
LV-IPS02G08 F-SC	Unmanaged industrial PoE switch, 8* 10/100Base-TX PoE ports and 2*1000Base-FX SC ports, Compliant with IEEE 802.3af/at standard, Multi-mode/Single-mode, Dual-fiber/Single-fiber, 550m, 20/40/60/80/100/120Km optional, DIN-Rail, 44-57VDC, -40 to 75°C operating temperature
LV-IPS02G08 F-FC	Unmanaged industrial PoE switch, 8* 10/100Base-TX PoE ports and 2*1000Base-FX FC ports, Compliant with IEEE 802.3af/at standard, Multi-mode/Single-mode, Dual-fiber/Single-fiber, 550m, 20/40/60/80/100/120Km optional, DIN-Rail, 44-57VDC, -40 to 75°C operating temperature
LV-IPS02G08 F-ST	Unmanaged industrial PoE switch, 8* 10/100Base-TX PoE ports and 2*1000Base-FX ST ports, Compliant with IEEE 802.3af/at standard, Multi-mode/Single-mode, Dual-fiber/Single-fiber, 550m, 20/40/60/80/100/120Km optional, DIN-Rail, 44-57VDC, -40 to 75°C operating temperature



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